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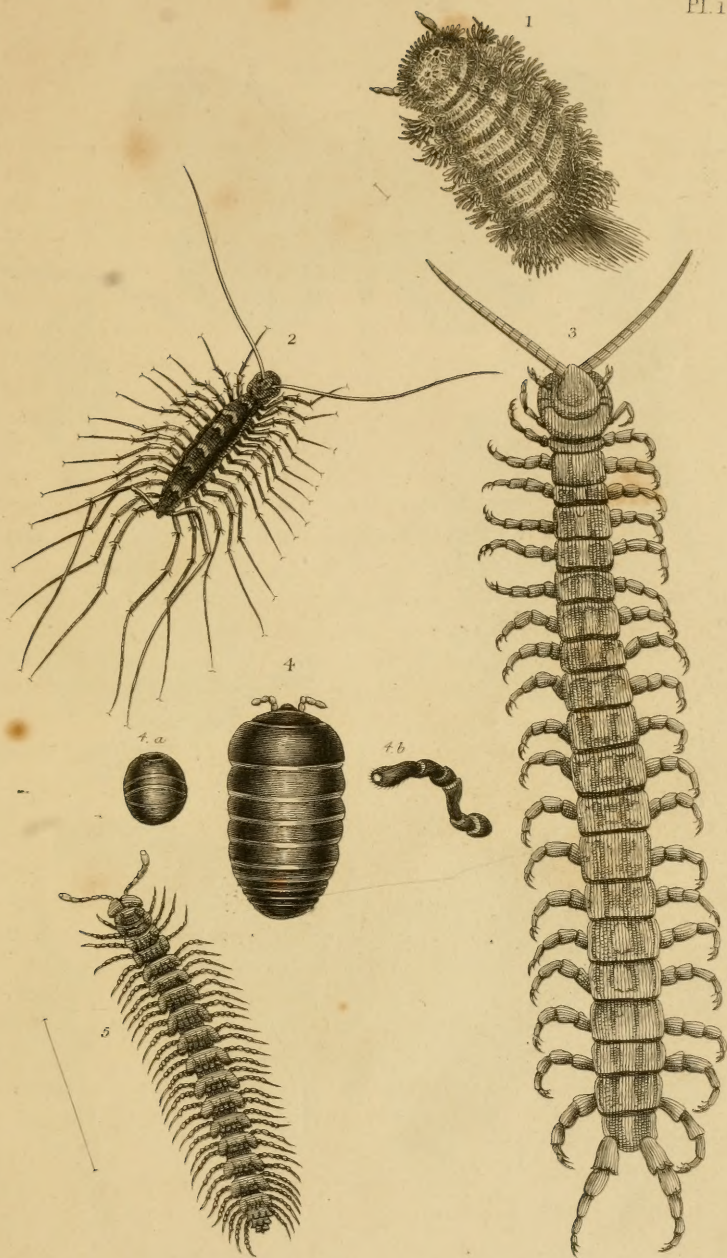
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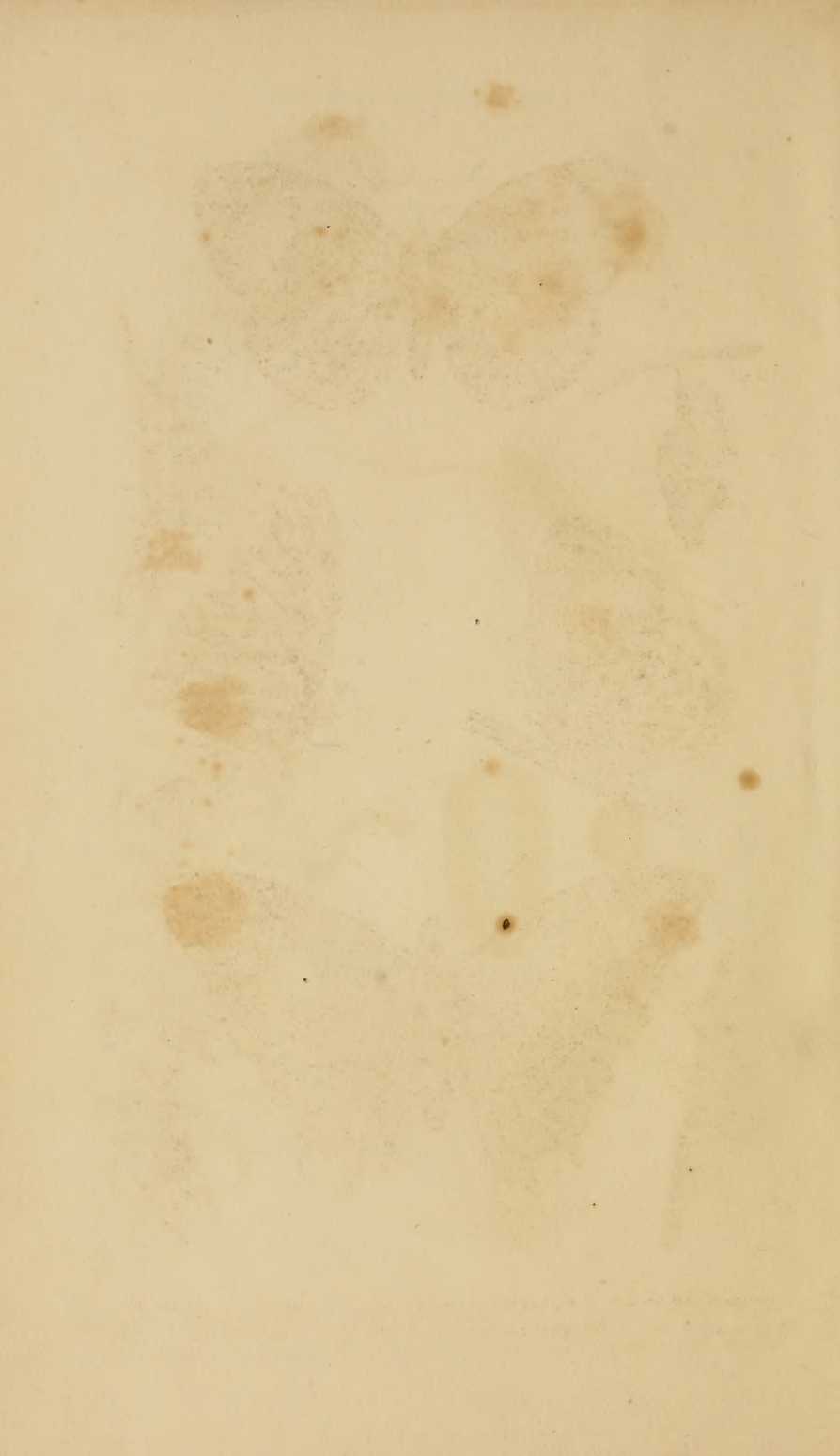
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CXXII.	xv.	721
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CXXIV.	xiv.	544
CXXV.	xv.	774
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CXXXIII.	xv.	679
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CXXXV.	xiv.	142
CXXXVI.	xv.	680
CXXXVII.	xv.	680
CXXXVIII.	xv.	259
CXL.	xv.	634



1. *Polyxenus lagurus*. 2. *Scutigera livida*. 3. *Scolopendra alternans*.
Leach. 4. *Glomeris marginata*. *Leach*. 5. *Polydesmus complanatus*.





1. *Argynnis callithea*. God. 2. *Argynnis moneta*. God. 3. Caterpillar & chrysalis of *Argynnis paphia*. God. 4. *Nymphalis dufeyi*. God. 5. Caterpillar & chrysalis of *Nymphalis dufeyi*. God.





1. *Papilio Latrallii*. God. 2. Caterpillar & chrysalis of *Pap machaon*. L. 3. *Parnassius phæbus*. Fabr. God.
4. *Thais Cerisyi*. God.



1



2

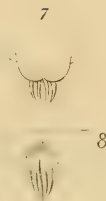
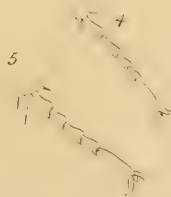


3



1. *Scarabæus macropus*. Sh. Nat. Mss.

2. Male. 3. Fem. of *Melolontha chrysoclora*.



Coll. J. G. Children, Esq.

Trictenotoma Childreni. G.R. Gray.



Coll. J. G. Children, Esq."

I. O. Westwood, del.^t

Psalidognathus Friendii. G. R. Gray.

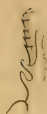


1. *Dytiscus Iherminieri*. Chev. 2. *Id. serricornis*. Payk. 3. Ant. tarsus of *Colymbetes*.
 4. *Id.* of *Hydroporus planus*. Latr. 5. *Hygrobia Hermannii*. Latr. 6. *Noterus cras-*
sicornis. Clair. 7. *Haliphys elevatus*. 8. *Gyrius sulcatus*. Dej.

2



3 a



1 b



3 b



4 a



5 b

3 c

12 b

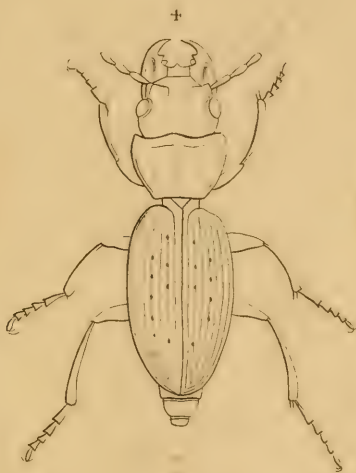


12 c

12 a



12



+



5 c



11



6



10



9



8

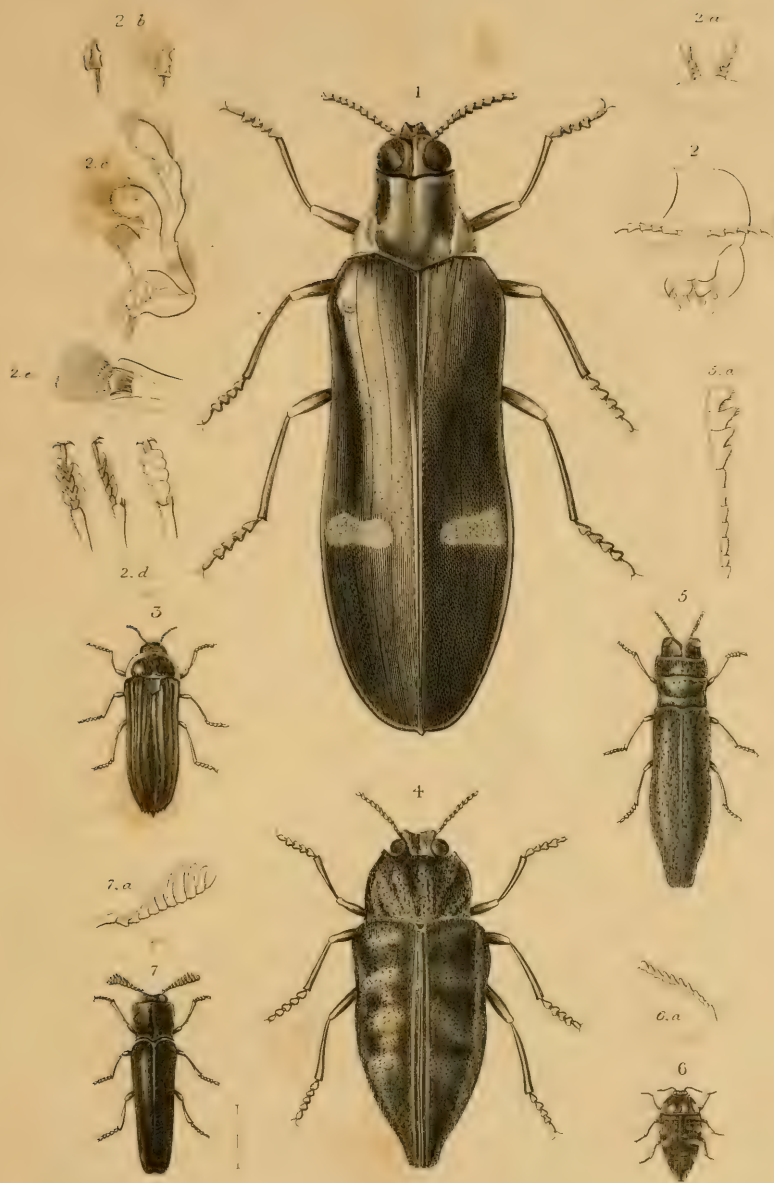


8 a



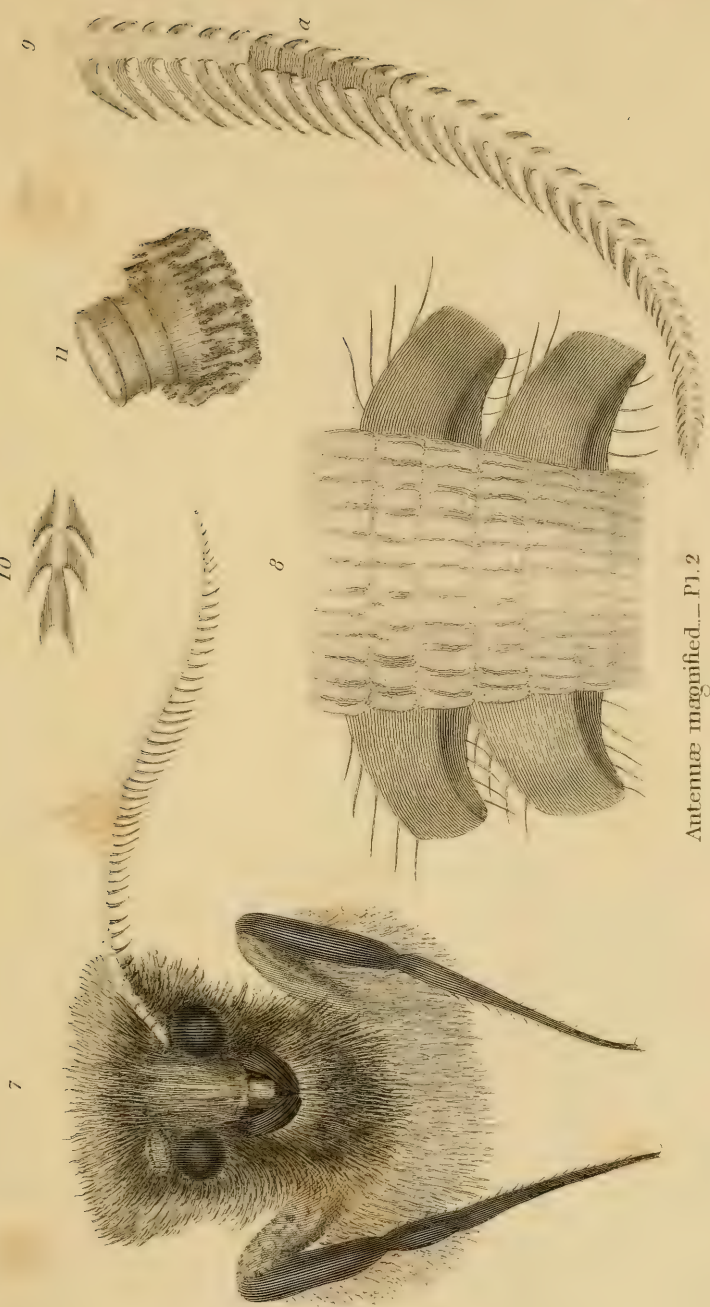
7

1. *Siapona Europaea*. Dej. 2. *Oxystomus Sancti-Hilarii*. Lat. 3. *Scaapterus Guérini*. Dej.
 4. *Enceladus gigas*. Bon. 5. *Apotomus rufus*. Lat. 6. Fore tarsi of *Dischirius thoracicus*. Lat.
 7. *Morio simplex*. Dej. 8. *Acanthocelis ruficornis*. Lat. 9. *Antanna* or *Ozæna Rogerii*. Dej.
 10. *Ditomus violaceus*. Lat. 11. *Head* of *Ditomus calydonius*. Lat. 12. *Cyclosomus therosus*.
 Lat.

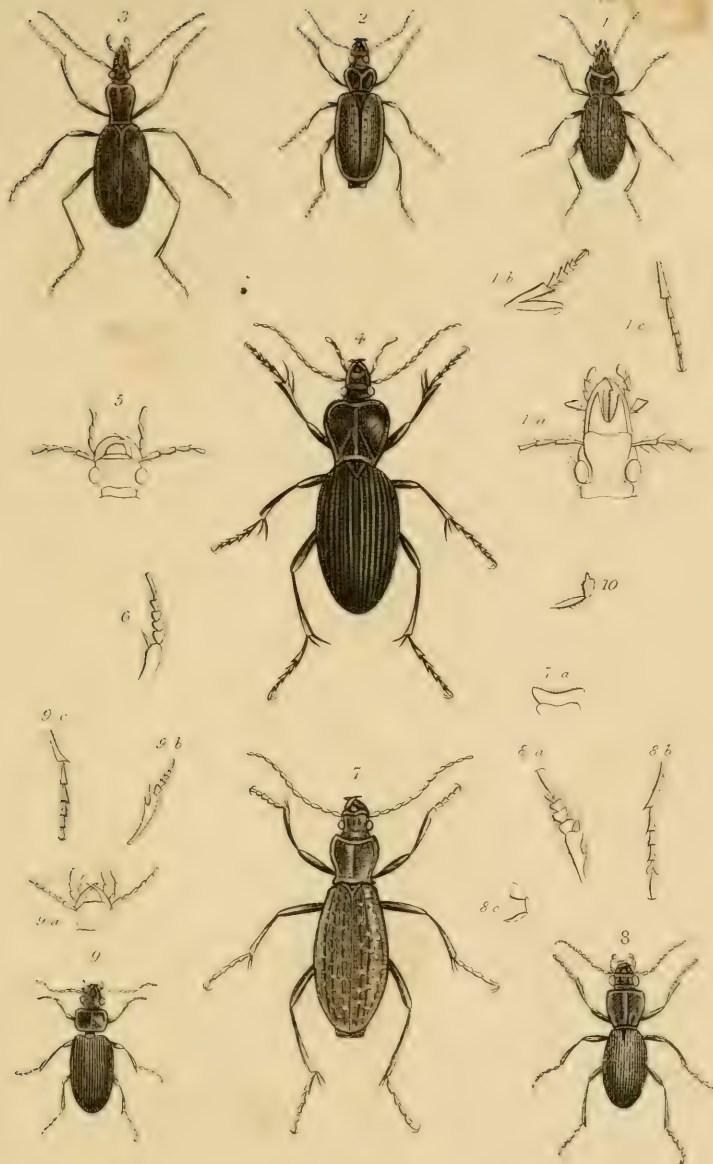


1. *Buprestis bicolor*; Lat. 2. Details of *Bup. gigas*. Fab. 3. *Bup. rubripennis*. 4. *Bup. Lalandii*. Guen. 5. *Aphanisticus emarginatus*. Lat. 6. *Trachys cruentata*. Fab. 7. *Melasis buprestoides*. Olio.





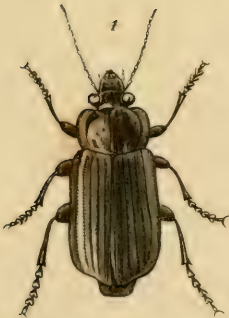
Antennæ magnified. — Pl. 2



1. *Sphaeroderus nitidicollis*. Chevrol. 2. *Calosoma rufipennis*. Dej. 3. *Cychrus italicus*. Bonelli
 4. *Pamboros alternans*. Lat. 5. Head of *Pogonophorus*. 6. Anterior tarsus of *Pelophila*. 7. *Carabus ruficornis*. Lat.
 8. *Pelichium cyanipes*. Kirby. 9. *Masoricus luxatus*. Dej. 10. Maxillary palpi of *Bembidion*.



1. *Pasinachus Mexicanus*. G. R. Gray. 2. *Coniotropis Brasiliensis*. G. R. Gray. 3. *Catadromus tenebrioides* Mac Leay



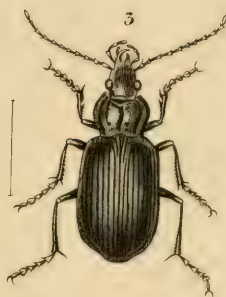
1. *Anthia Burchellii*. Hope. 2. *Cordistes cinctus*. G.R.Gray. 3. *Pleuracanthus sulcatus*. G.R.Gray. 4. *Orthogonius Hopi*. G.R.Gray. 5. *Axinophorus Brasiliensis*. G.R.Gray.



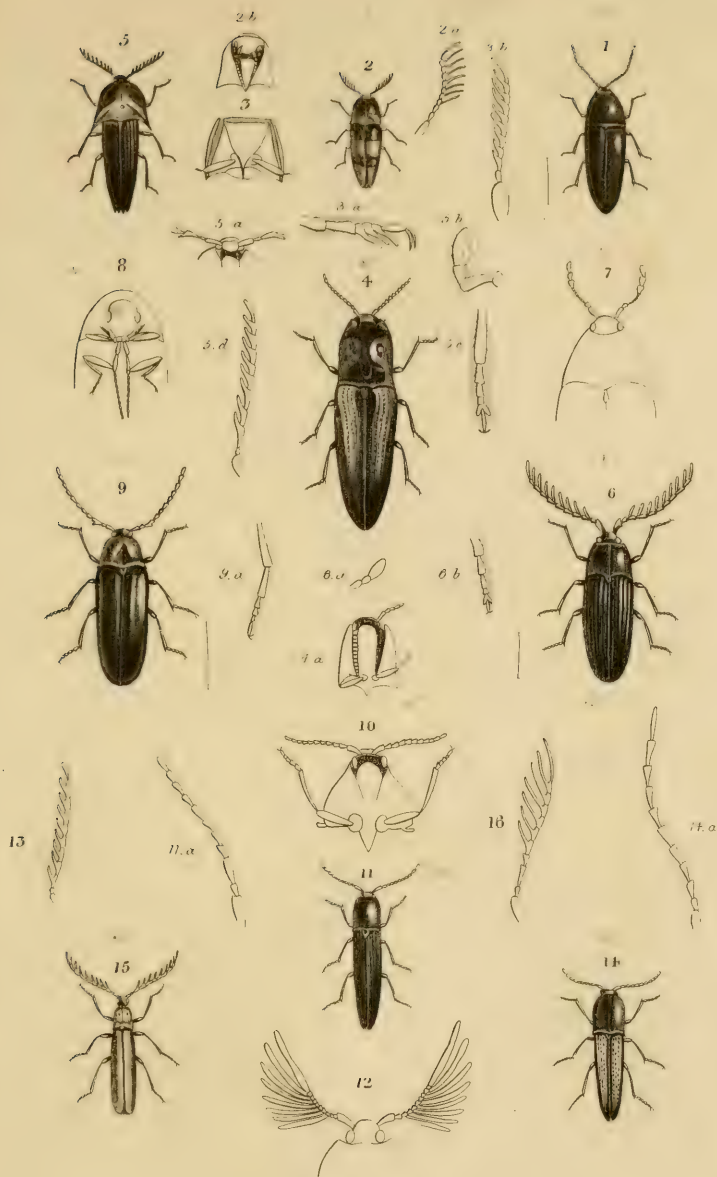


I. O. Westwood, del.

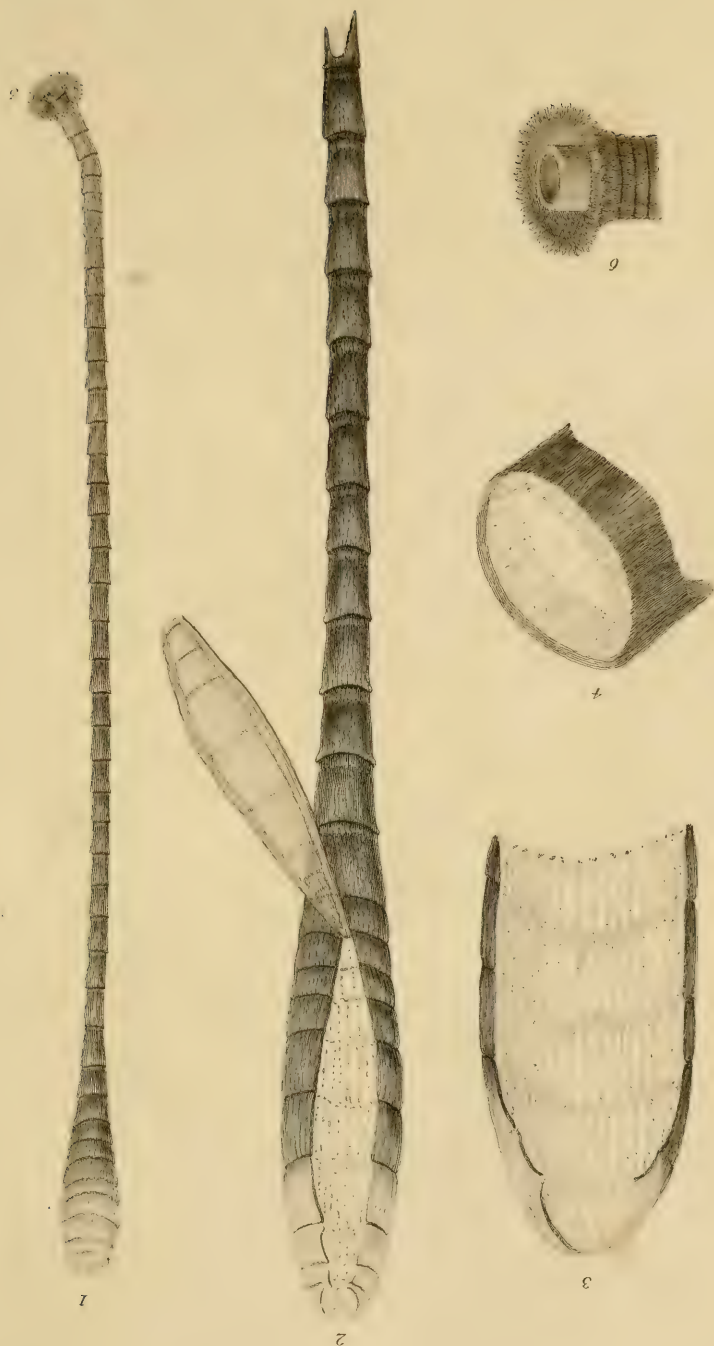
Details of Psalidognathus Friendii.



1. *Chemacanthus gibbosus*. C. R. Gray. 2. *Pericahus cicindloides*. Mac Leay. 3. *Colpodes brunneus*. Mac Leay. 4. *Scaphinotus elevatus*. Latr. 5. *Epomis Goryi*. C. R. Gray.

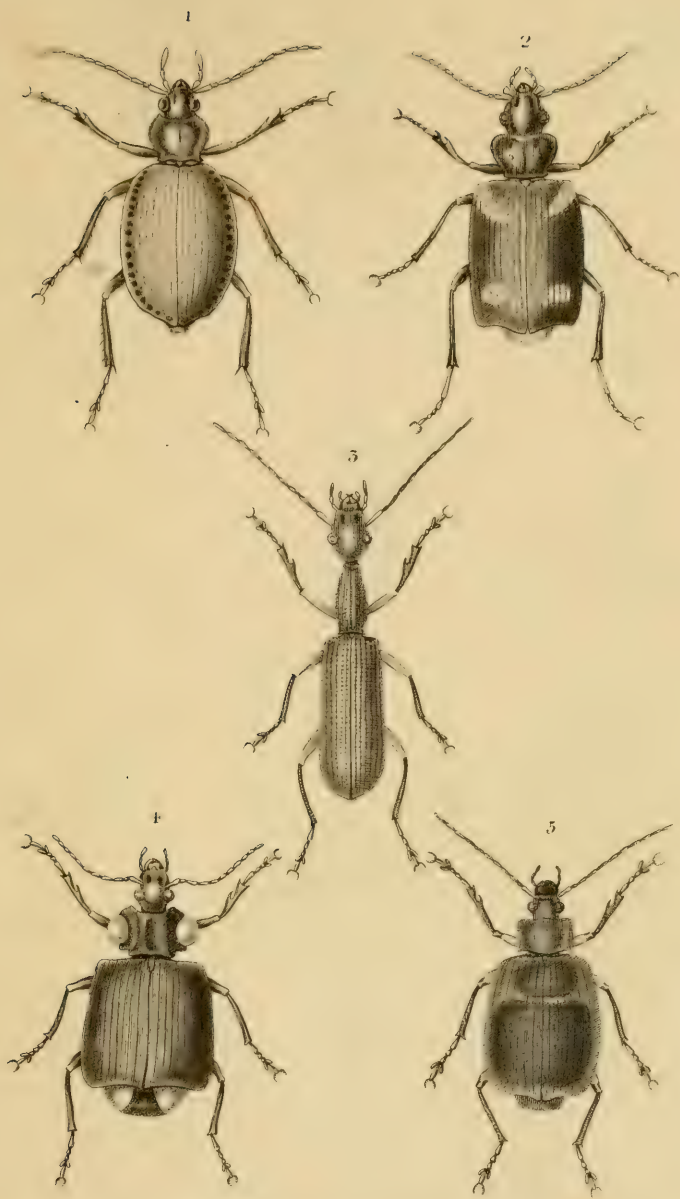


1. *Eucnemis aspicinus*. Mon. 2. *Pterotarsus histrio*. Latr. 3. Details of *Galba marmorata*. Guér. 4. *Ade-
locera thabannii*. Guér. 5. *Pachyderes ruficollis*. Guér. 6. *Cerophytum clatroides* Latr. 7. *Throscus
dermestoides*. Latr. 8. *Chelonarium undatum*. Latr. 9. *Cryptostoma denticornis*. Fabr. 10. Head and
corset of *Loboderus manicornis*. Guér. 11. *Nematodes rufum*. Latr. 12. Head of *Hemirclupus flabel-
licornis* Latr. 13. Antenna of *Clemens humatodes*. Latr. 14. *Elatér plagiatus*. Germ. 15. *Campylus denti-
collis*. Fischer. 16. Antenna of *Phyllocerus flavipennis*. Dej.

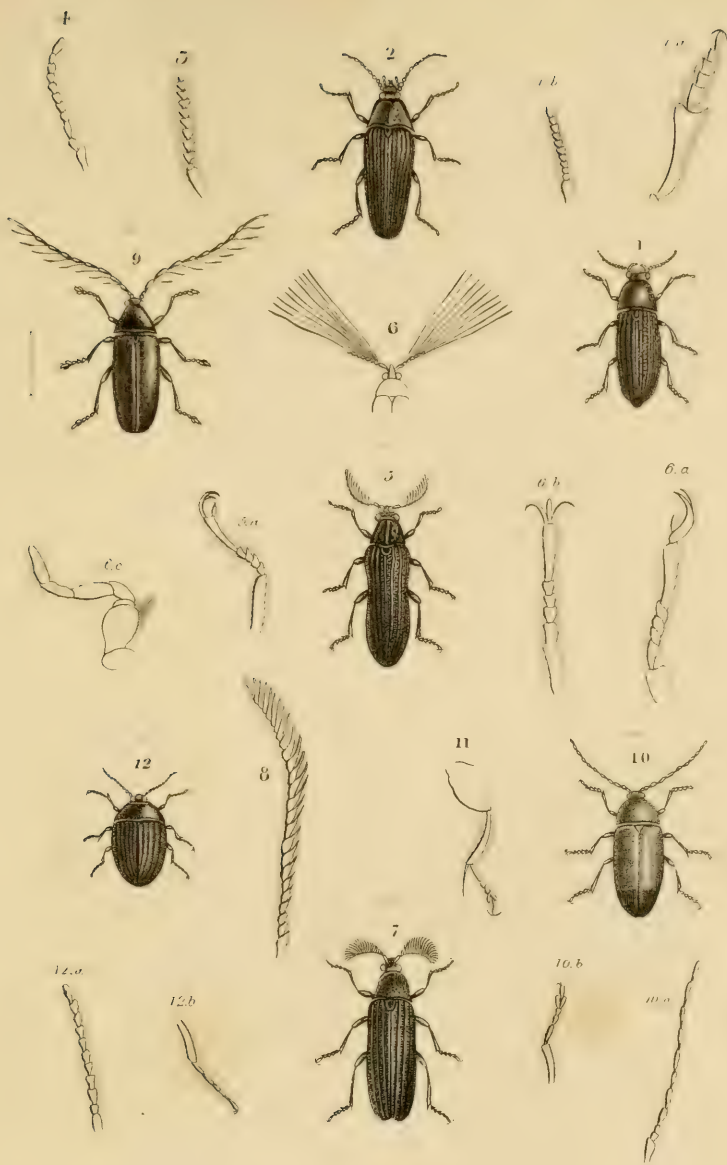


Antennæ magnified. — PL I





1. *Loxocrepis ruficeps*. 2. *Plochionus 4notatus*. 3. *Rhagoerepis Riedelii*.
 4. *Physodera Dejeanii*. 5. *Liadorsalis*.

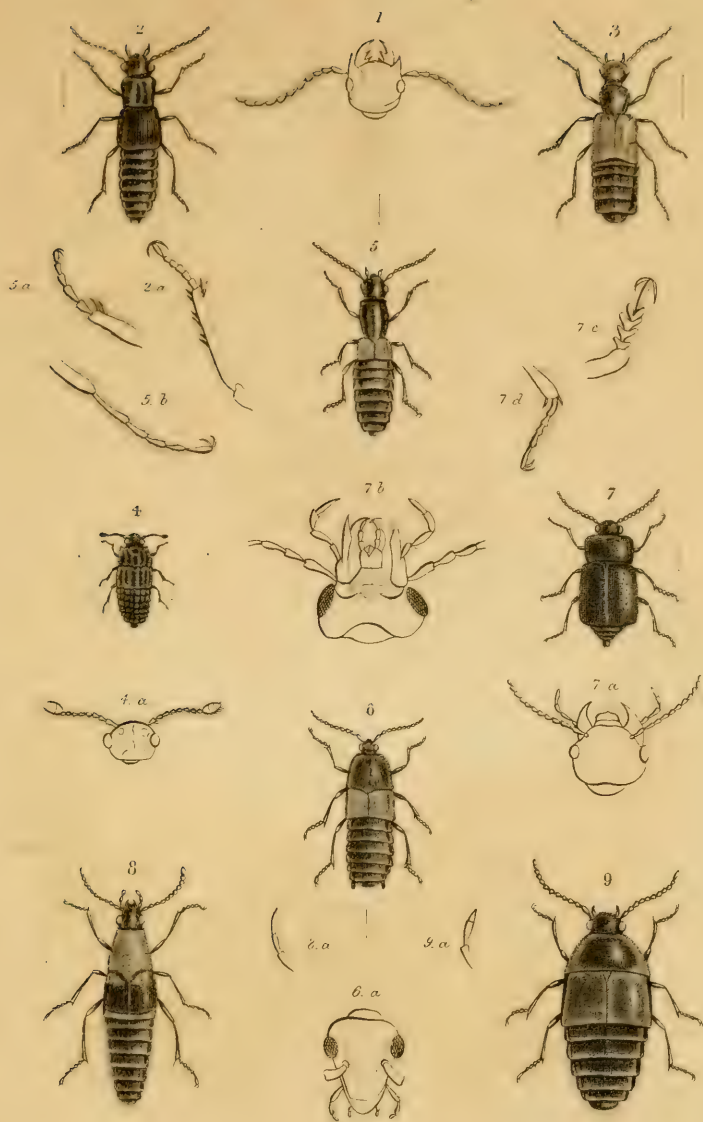


1. *Physodaetylus Hemmingii*. Fisch. 2. *Cebrio discus*. Gory. 3. Ant. of *Cebrio gigas*. Fm. 4. Ant. of *Anelastes Drurii*. Kirby. 5. *Callirhipis Goryi*. Guérin. 6. Palpi of *Call. Dejeani*. Lat. 7. *Rhipidicera cayana*. Guér. 8. Ant. of *Rhipid.* 9. *Ptilodaetyla claterina*. Lugo. 10. *Elodes pallidus*. Lat. 11. Post. tarsus of *Scyrtes*. 12. *Eubriapalustris*. Germ.

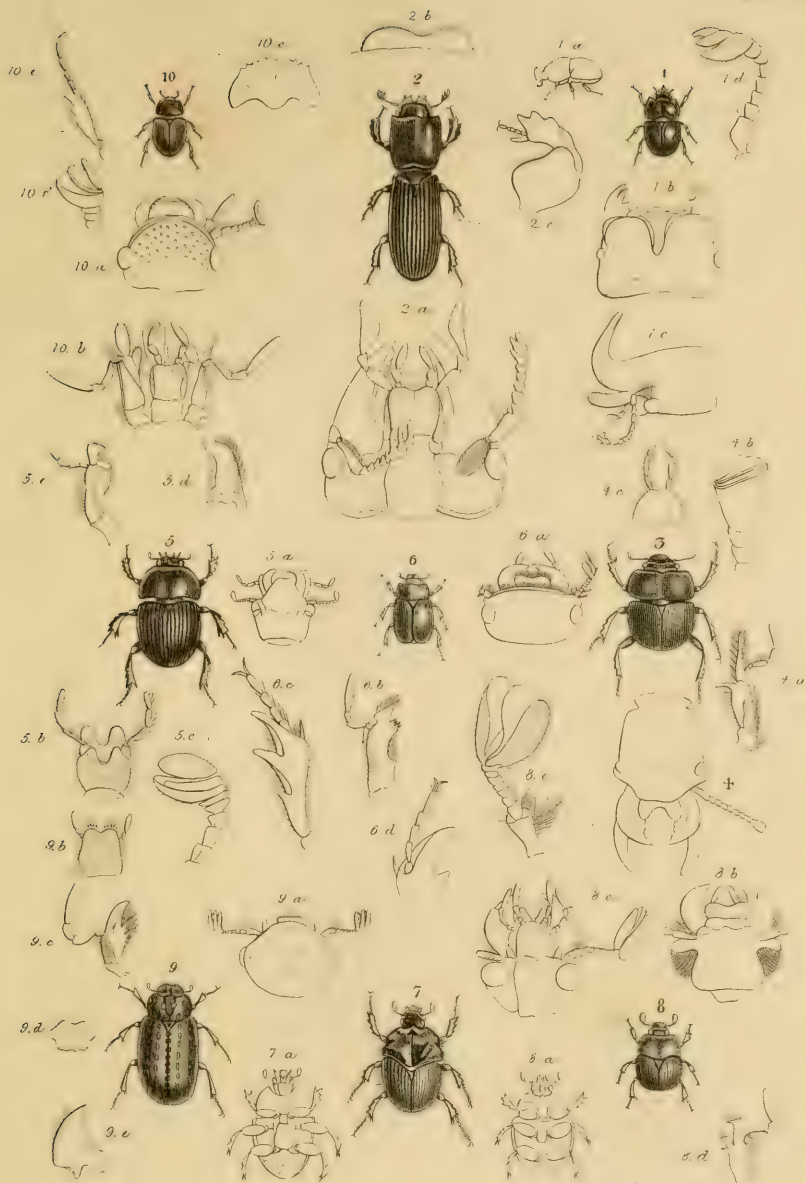




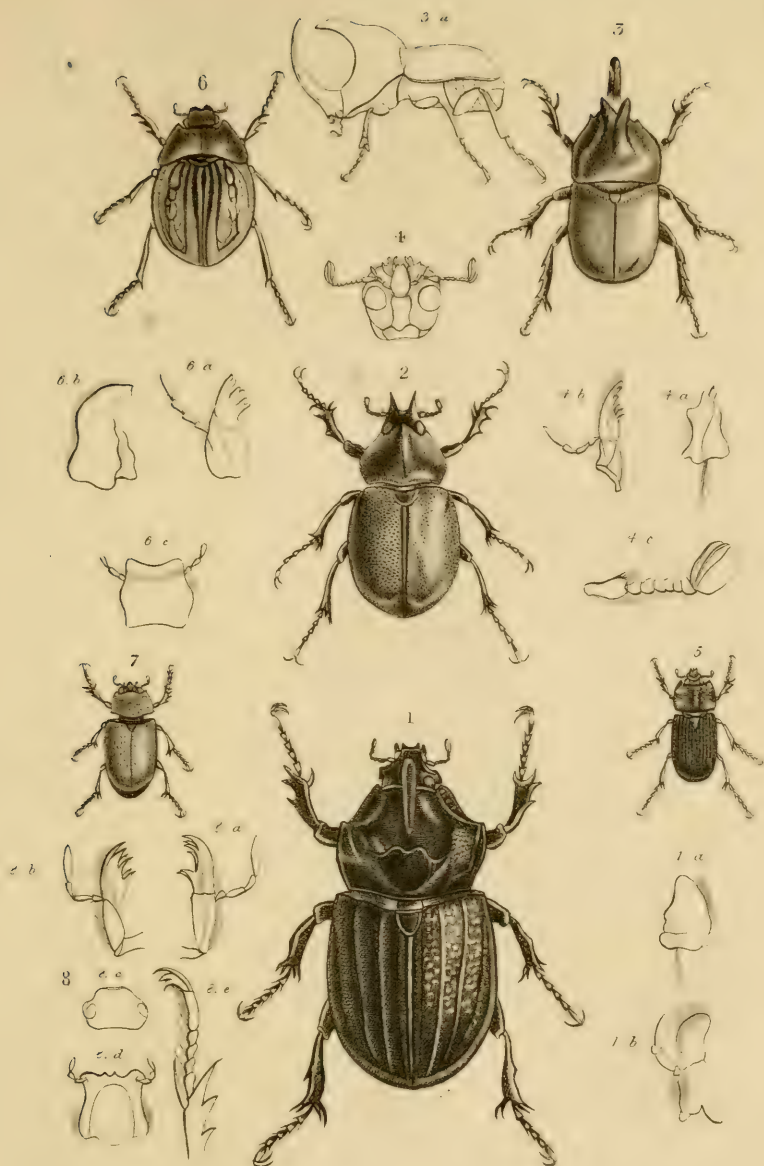
1. *Pieris thiria*. Cod. 2. Caterpillar & chrysalis of *Pieris brassicae*. L. 3. *Heliconia Langsdorfi*
Cod. 4. *Denaida aurea*. Cod.



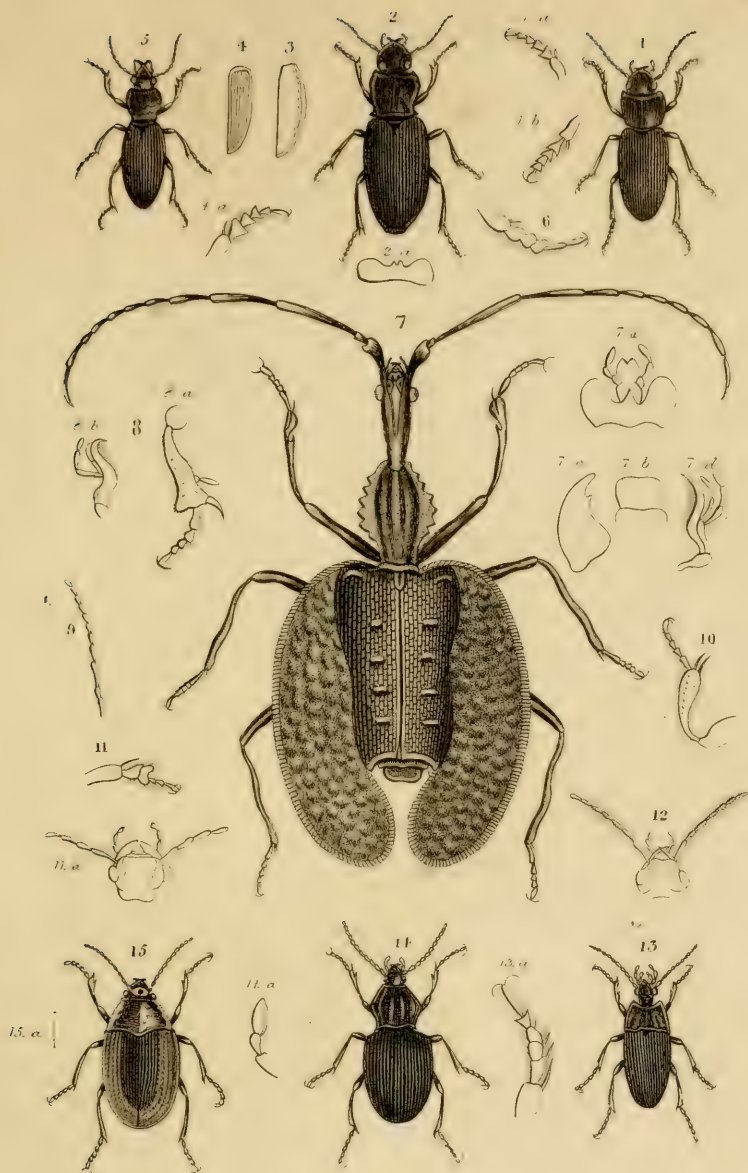
Head of *Prognatha rufipennis*. Lat. 2. *Coprophilus rugosus*. Grav. 3. *Lesteva dichroua*. Lat.
 4. *Micropeplus mallei*. Dej. 5. *Aleochara canaliculata*. Fab. 6. *Lomechusa paradaxa*. Grav.
 7. *Onalium blattoïdes*. Grav. 8. *Tachinus atricapillus*. Fab. 9. *Tachiporus marginalis*. Grav.



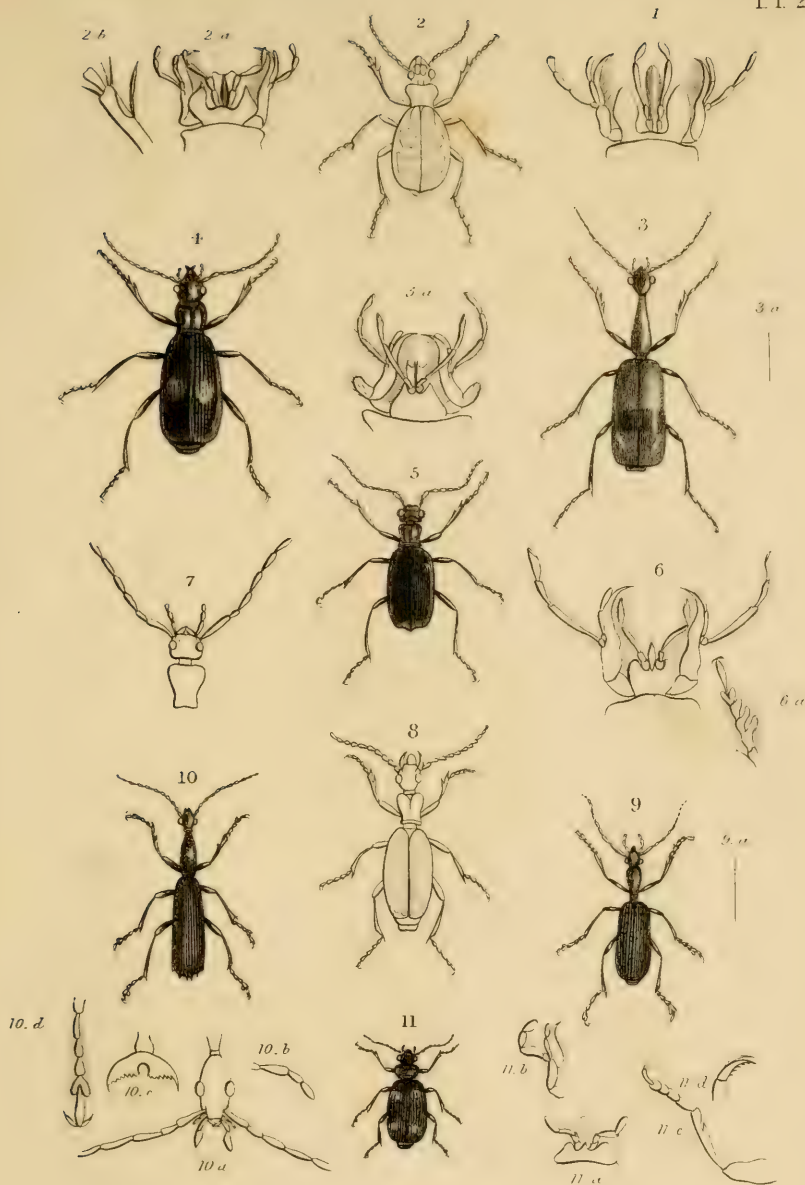
1. *Egialia cornifrons*. Guér. 2. *Chiron grandis*. Gory. 3. *Lethrus Eversmannii*. Faldernian
 4. *Details of Lethrus cephalotes*. Fabr. 5. *Geotrupes Blackburnii* Fab. 6. *Ochodeus rufus*. Guér. 7. *Athyreus castaneus*. Guér. 8. *Bolboceras fulvius*. Gory. 9. *Trox Aeger*. Guér.
 10. *Hybosorus arator*. Fabr.



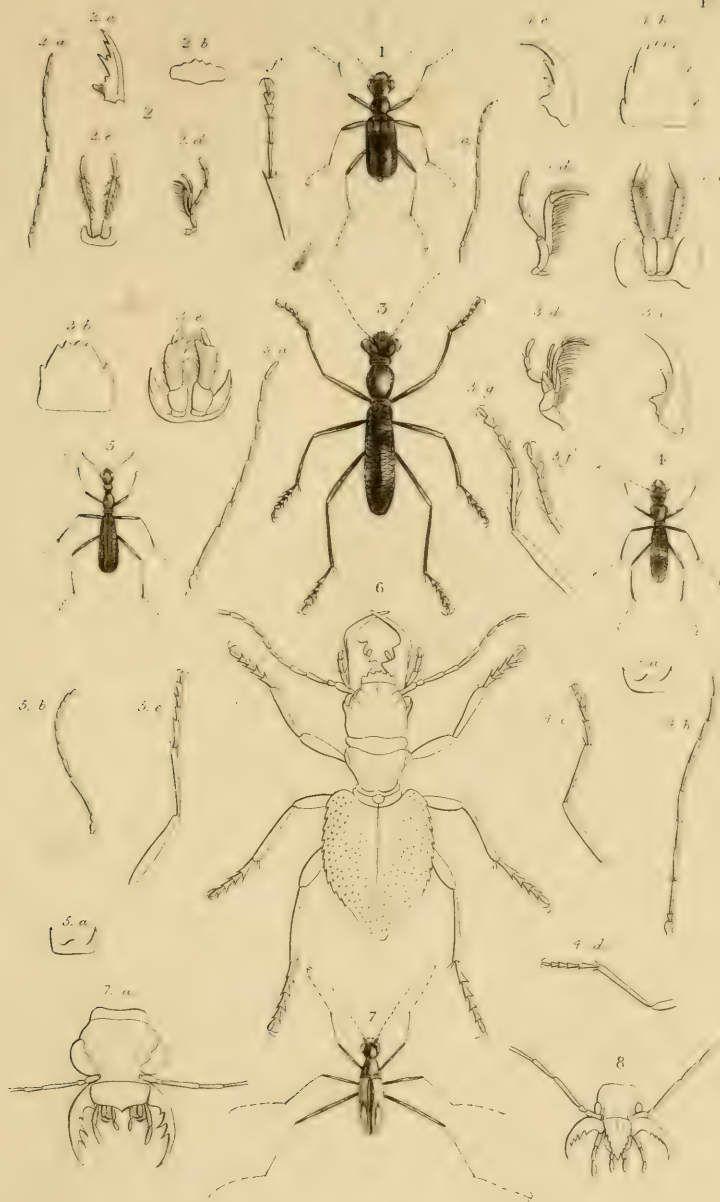
1. *Oryctes Chevrolatii*. Guer. 2. *Agacephala furecata*. Guer. 3. *Scarabaeus mentor*. Guer.
 4. Details of *Sc. gideon*. Fabr. 5. *Phileurus cribralis*. Chev. 6. *Hexodon reticulatus*
Olivier. 7. *Cyclocephala frontalis*. Chev. 8. Details of *Cycl. geminata*. Fabr.



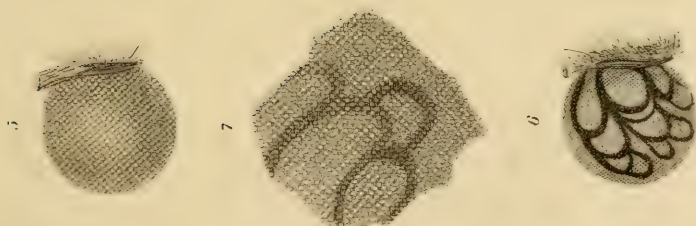
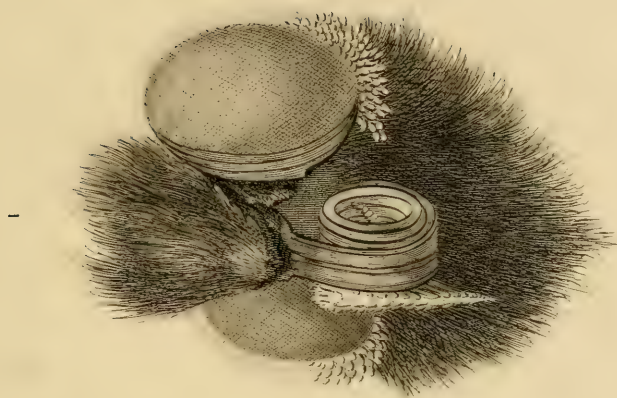
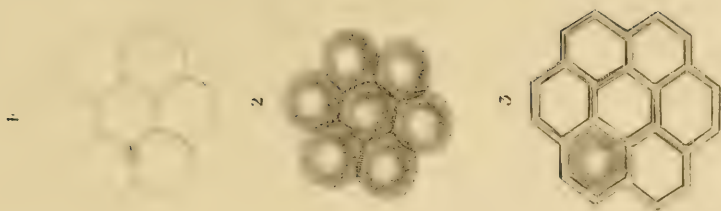
1. *Harpalus tricolor*. Guer. 2. *Trigonotoma viridicollis*. Dej. 3. *Elytra of Feronia navarica*. Lat. *Elytra and tarsus of Feronia melanaria*. Lat. 5. *Cephalotes rufipes*. Lat. 6. *Ant. tarsus of Palaeobus rufipes. Male*. 7. *Mormolyce phyllodes*. Hag. 8. *Ant. tarsus & jaw of Zabrus gibbus. Lat* 9. *Antenna of Sphodrus terricola. Lat.* 10. *Ant. tarsus of Feronia hollentota. Lat.* 11. *Ant. tarsus & Head of Licinus agricola. Male* 12. *Head of Loricera pilicornis. Lat.* 13. *Cynithia abaxoides. Lat.* 14. *Panagæus fulvipennis. Lat.* 15. *Omophron suluralis. Guer.*



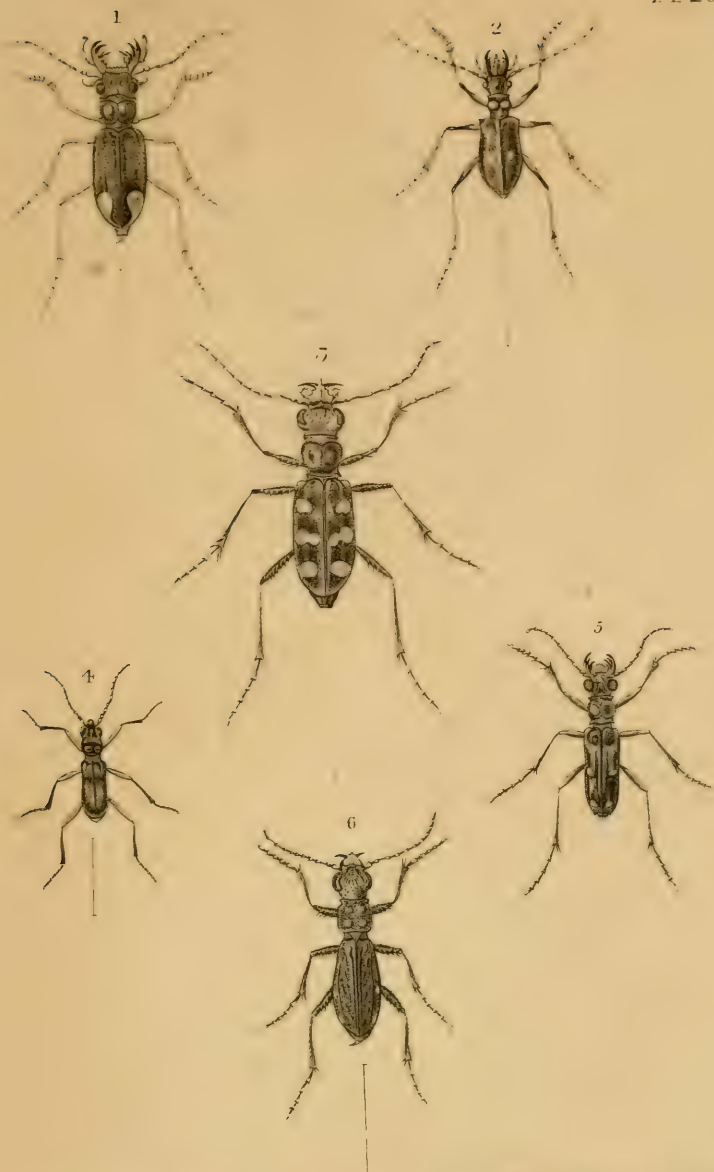
1. Mouth of *Anthia 10 guttata*. Latr. 2. *Craphipterus multiguttatus*. Latr. 3. *Casnomia Senegalensis*. St. Ferg. et Serv. 4. *Brachinus Jurinæ*. Dej. 5. *Trichognathus marginatus*. Latr. 6. Mouth and tarsi of *Galerita americana*. Latr. 7. Head & corselet of *Zuphium olens*. Latr. 8. *Helluo costatus*. Latr. 9. *Driptaruficollis*. Dej. 10. *Agra splendida*. Latr. 11. *Lebia flavomaculata*. Guer.



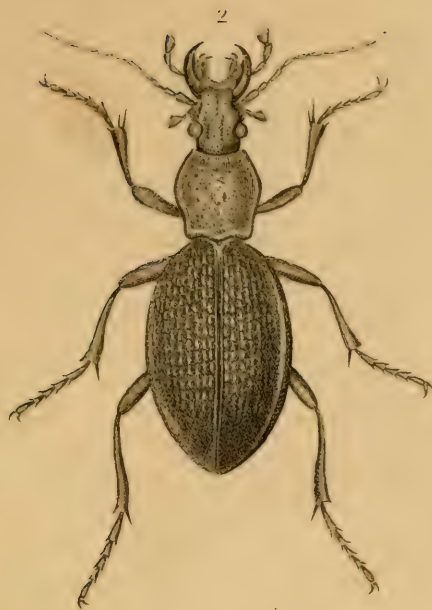
1. *Therates basalis*, *Drw.* 2. *Details of Megacephala carolinæ*, *Latr.* 3. *Trycondyla aptera*, *Latr.* 4. *Clenostoma Ichneumonum*, *Dej.* 5. *Colliuris modesta*, *Dej.* 6. *Manticora macillosa*, *Latr.* 7. *Cicindela tenuipes*, *Guer.* 8. *Head of Oxycheila tristis*, *Dej.*



Compound eyes of Insects. Pl. 1



1. *Megacephala Mexicana*. G.R. Gray. 2. *Oxycheila binotata*. G.R. Gray. 3. *Cicindela octonotata*. Wädm. 4. *Iresia Lacordairei*. Dej. 5. *Euprosopus quadrinotatus*. Lat. 6. *Dromica tuberculata*. Hope.

1. *Tettus Meqerlei*. Leach.2. *Procerus Olivieri*. Dej.



1. *Buprestis Whitehillii*. Hope. 2. *Buprestis flavomarginata*. G. R. Gray.
 3. *Buprestis bifasciata*. G. R. Gray. 4. *Buprestis penicillata*. Kuhl. 5. *Elater tusciosus*. Hope. 6. *Elater aureolus*. Hope.



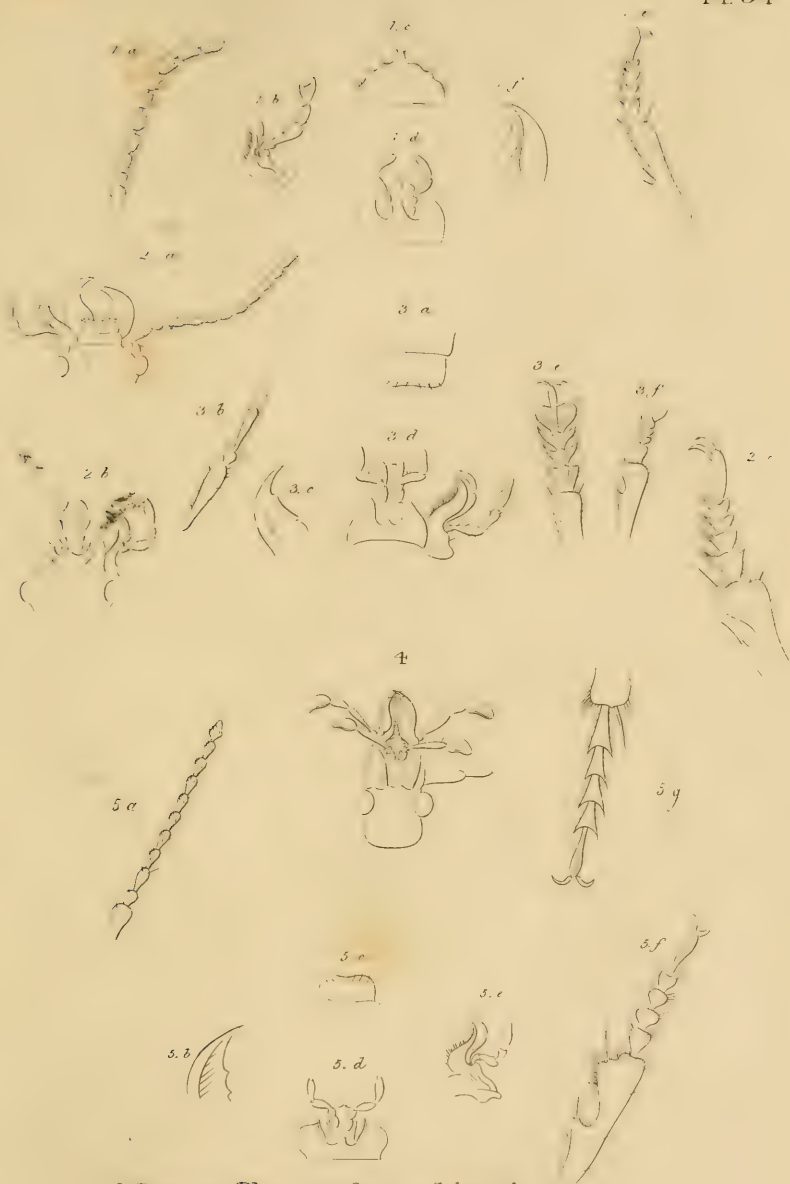
1. *Colymbetes marmoratus*. Hope. 2. *Colymbetes Lowei*. G. R. Gray. 3. *Schizochilus brasiliensis*. G. R. Gray. 4. *Zirophorus coriaceus*. Lacord. 5. *Trichocoryne striata*. G. R. Gray.



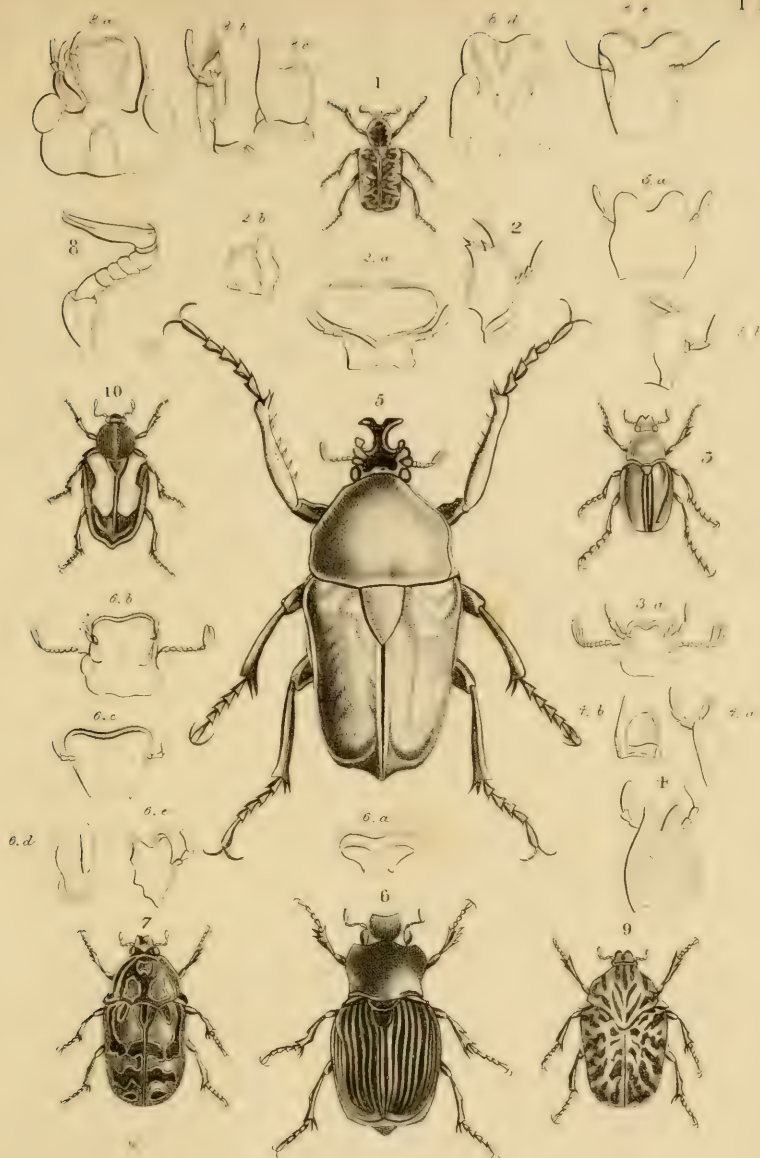
I. O. Westwood, del.
Brit. Mus.

I. Brullé, sculp.

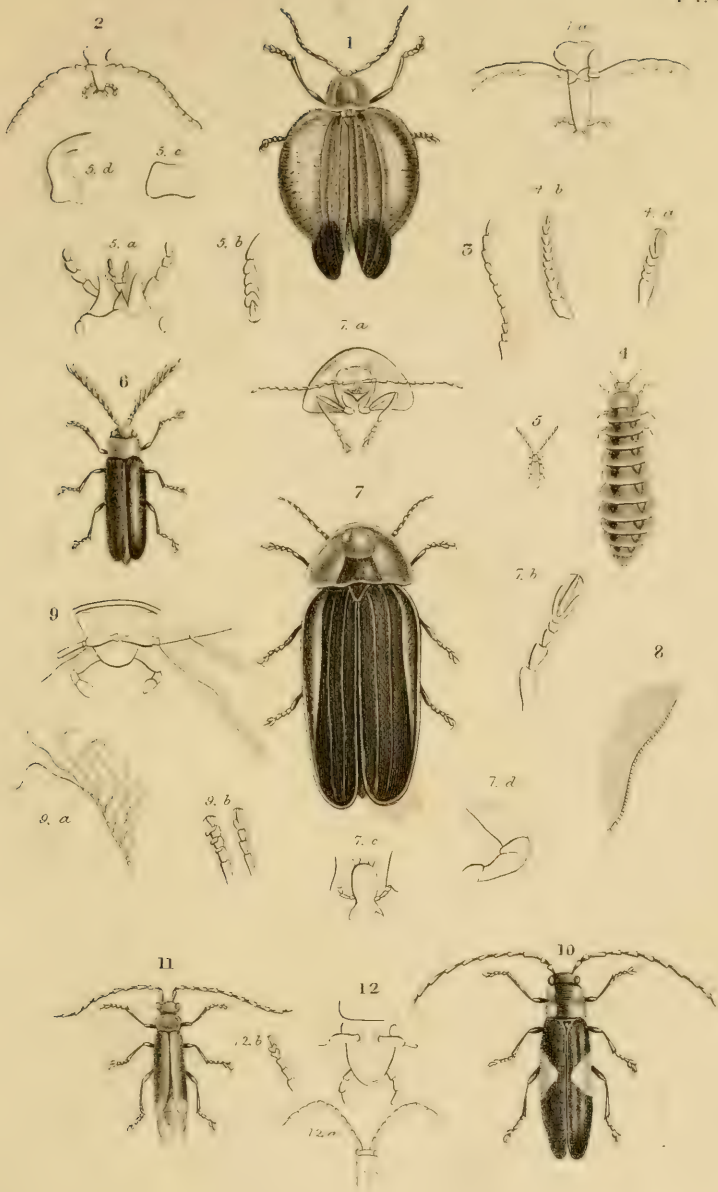
Geotrupes longimanus.



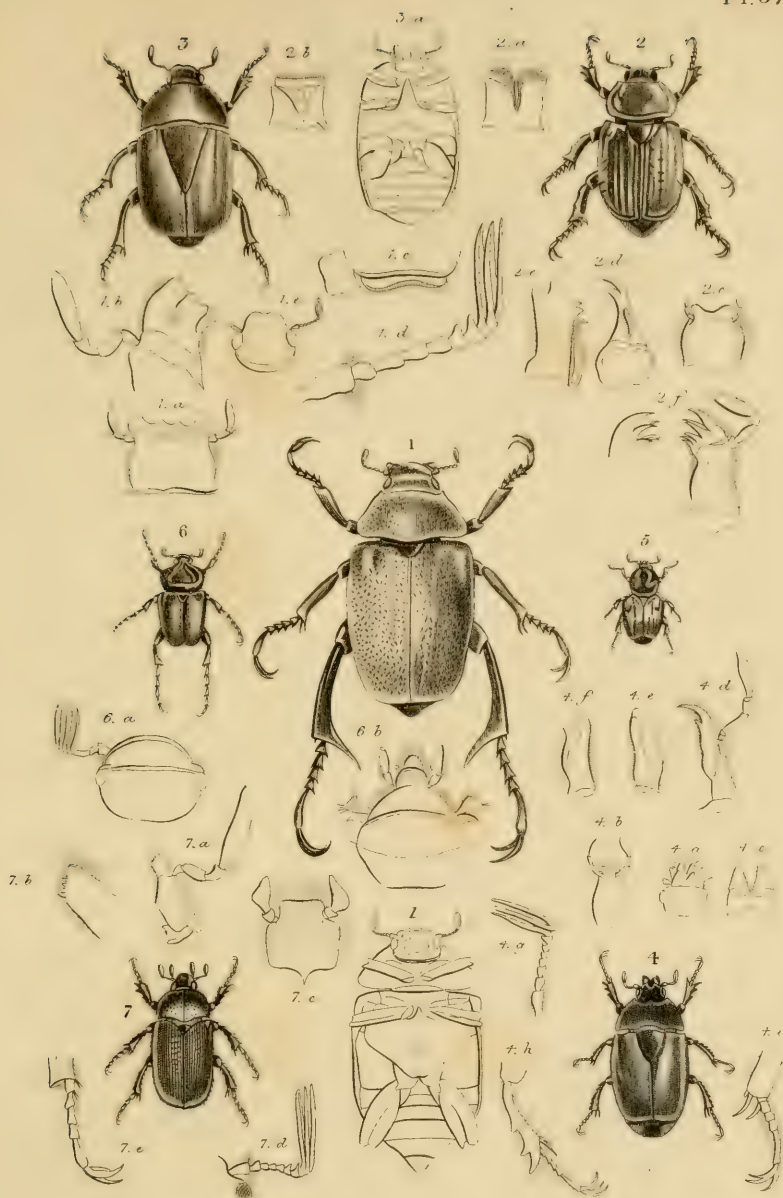
1. Details of *Pleuracanthus salipanni*.
2. _____ *Axinophorus Brasiliensis*.
3. _____ *Cordistes cinctus*.
4. _____ *Scaphinotus elevatus*.
5. _____ *Cnemacanthus gibbosus*.



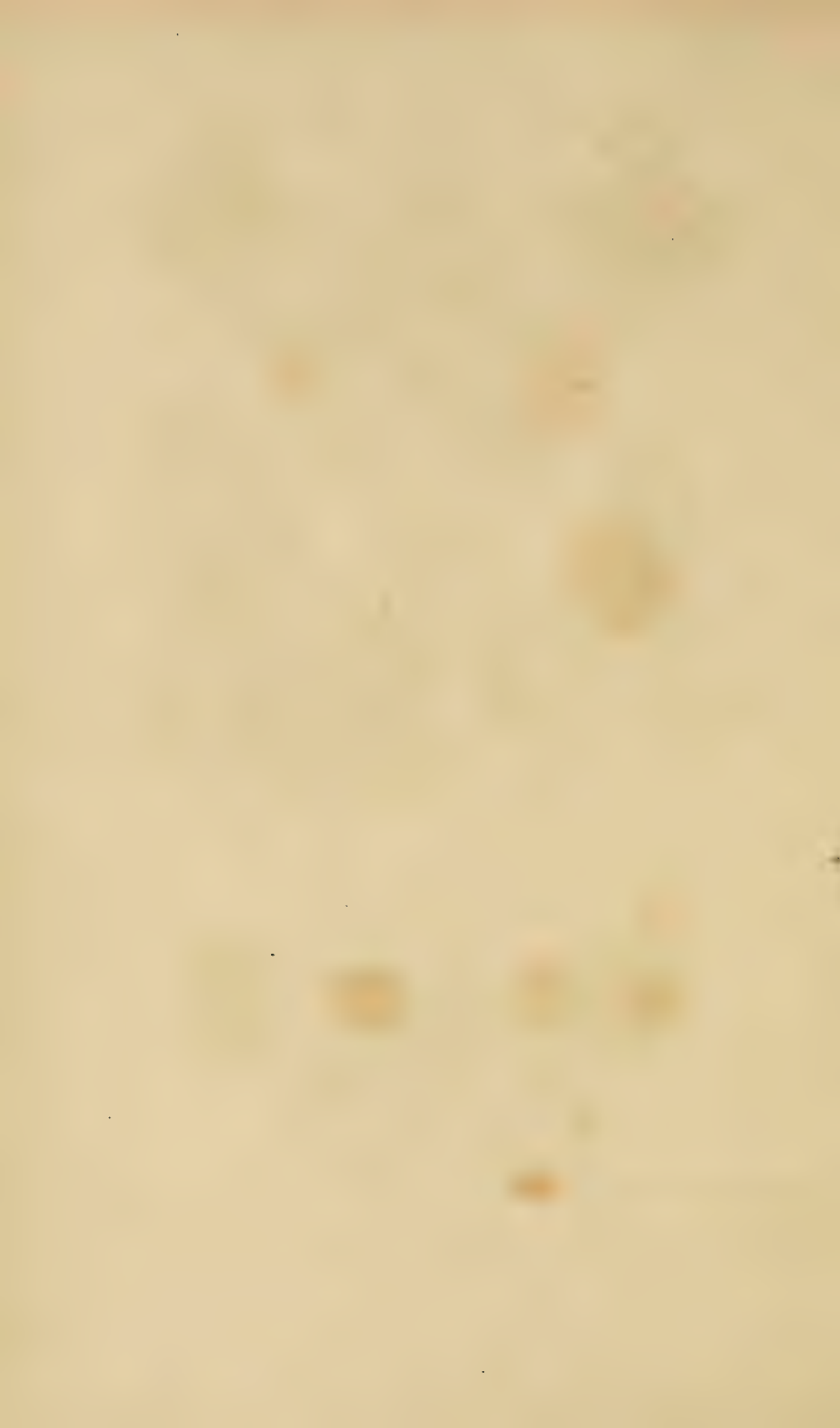
1. *Cremastocheilus hirtus*, Gory & Pach. monogr. 2. Details of *Cremast. elongatus*, Oliv. 3. *Trichius zebra*, Oliv. 4. Details of *Trich. fasciatus*, F. 5. *Goliath micans*, G. & P. Oliv. 6. *Platygenia zairica*, Mac. Leay. 7. *Cetonia Buxii* G. & P. 8. Details of *Cet. aurata*, F. 9. *Cymmetis nervosa*, G. & P. 10. *Macronota aggregata*, G. & P.



1. *Lycus latissimus*, Fabr. 2. Head of *Dictyoptera sanguinea*, Lat. 3. Antenna of *Omalisus saturatus*, Geoff. 4. *Drilus flavescens*, Tem. 5. Id. male. 6. *Drilus ruficollis*, Dej. 7. *Lampyrus Savignyi*, Kirby. 8. Antenna of *Amnydetes*, Hoff. 9. Details of *Cladophorus ruficollis*, Guér. 10. *Silis tricolor*, Guér. 11. *Malthinus biguttatus*, Oliv. 12. *Cordylocera antennata*, Guér.



1. *Chrysophora chrysoclora*. Lat. 2. *Rutelanitidissima*. Guér. 3. *Macraspis splendida*. Fab. 4. *Chasmodia brunnica*. Sav. & St. Farg. 5. *Ometis pictus*. Guér. 6. *Pachypus excavatus*. Fab. 7. *Amblyterus geminatus*. Mac Leay.





1



2. a



2. b



2

L. O. Westwood. del.

1. *Papilio Childrenae*. G.R. Gray. 2. *Pieris (Euterpe) Swainsoni*. Gray.

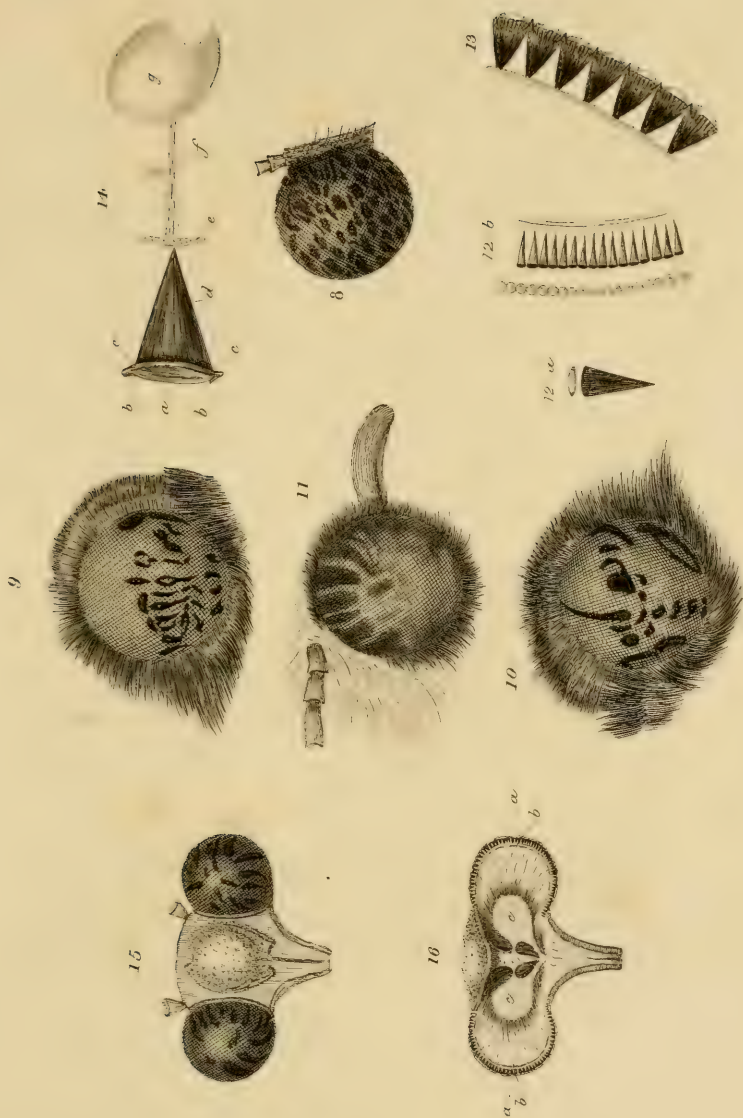


L.O. Westwood, del.

1. *Callirhipis Childressi*. G.R. Gray. 2. *Callirhipis ruficornis*. G.R. Gray. 3. *Phenogodes plumicornis*. Holm. 4. *Cladophorus marginalis*. G.R. Gray. 5. *Calyptocephalus fasciatus*. G.R. Gray. 6. *Megalophthalmus Bailetti*. Gray.



1. *Pachysoma Esculapius*. Kirby. 2. *Mnematum silenus*. Kirby. 3. *Athyreus Bilbergii*. G. R. Gray. 4. *Elephantomus proboscideus*. Mackenz.



Compound eyes of insects. Pl. 2

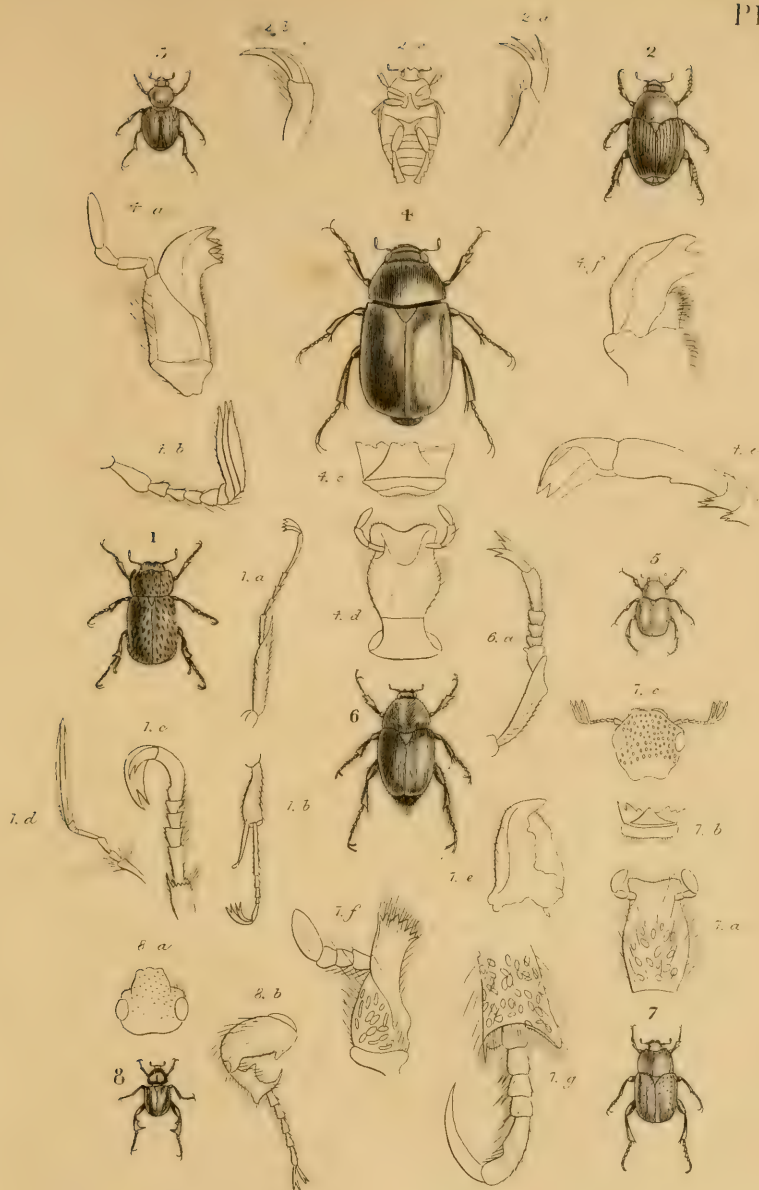
Published by Whittaker & Trevelyan, London, 1887



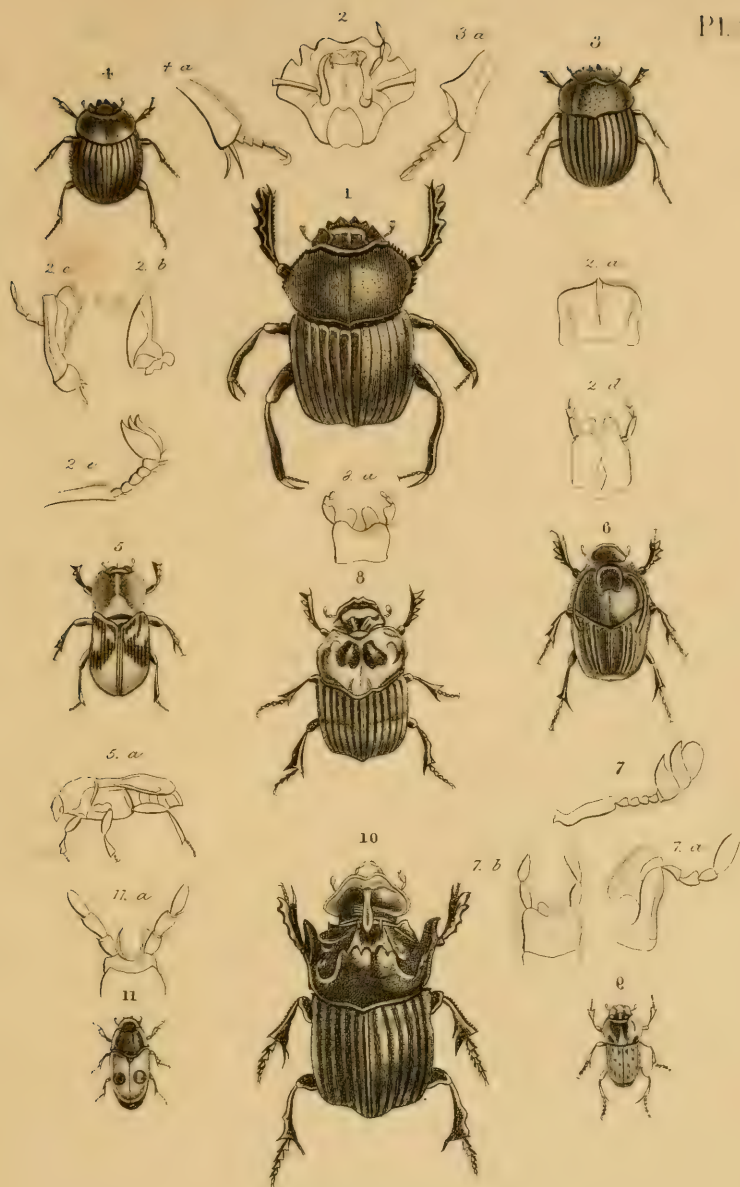
1. *Glaphyrus rufipennis*. Gory. 2. *Amphicoma bombytiformis*. Pall. 3. *Details of Amph. Lasserii*. 4. *Anthipna abdominalis*. Esch. 5. *Chasmodon hirtulus*. Sllig. 6. *Pachynemus crassipes*. Serv. 7. *Lepitrix abbreviatus* Serv. 8. *Monochelus gonager* Serv. 9. *Anisonyx nasuta*. Wied.



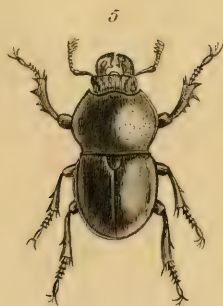
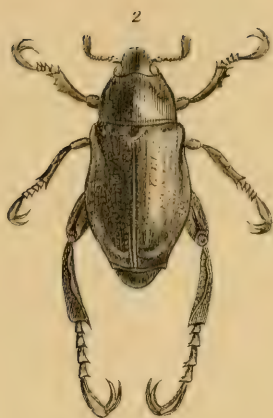
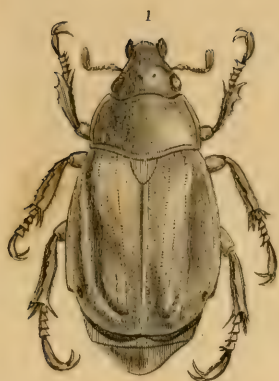
1. *Satyrus Balder* Boisd. 2. Cat. & Chrys. of *Satyrus jurtina*. God. 3. *Eumonia toxea*. Godard. 4. *Erybia carolina*. Godard.



1. *Plectris tomentosa*, Lap. & Serv. 2. *Popilia nitidicollis*, Gory. 3. *Anisoplia saturalis*, Guer. 4. *Euchlora viridana*, Guer. 5. *Lepisia ruficollis*, Serv. 6. *Dicrania velutina*, Gory. 7. *Hoplia farinosa*, Fabr. 8. *Dichelus dentipes*, Serv.



1. *Ateuchus Egyptiorum*. Latr. 2. Details of *Ateuchus sacer*. Latr. 3. *Ciccium hemisphaericum*. Latr. 4. *Coprobis viridis*. Latr. 5. *Eurysternus fadus*. Guér. 6. *Ontophagus rarus*. Guér. 7. Details of *Ontop. vacca*. Latr. 8. *Phaneus imperator*. Chevrol. 9. *Oniticellus formosus*. Chevrol. 10. *Copris bellator*. Chevrol. 11. *Aphodius bipunctatus*. Fabr.



1 *Chrysina Mexicana*. G.R. Gray. 2. *Chrysophora Kirbyi* G.R. Gray. 3. *Sphindus cornutus*. Macleay. 4. *Hexaphyllum Brasiliense*. G.R. Gray. 5. *Colophon Westwoodii*. G.R. Gray.





1. *Lavonia acadina*. God. 2. *Morpho actorion*. God. 3. *Morpho phidippus*. God. 4. *Bras solis astyra*. God.



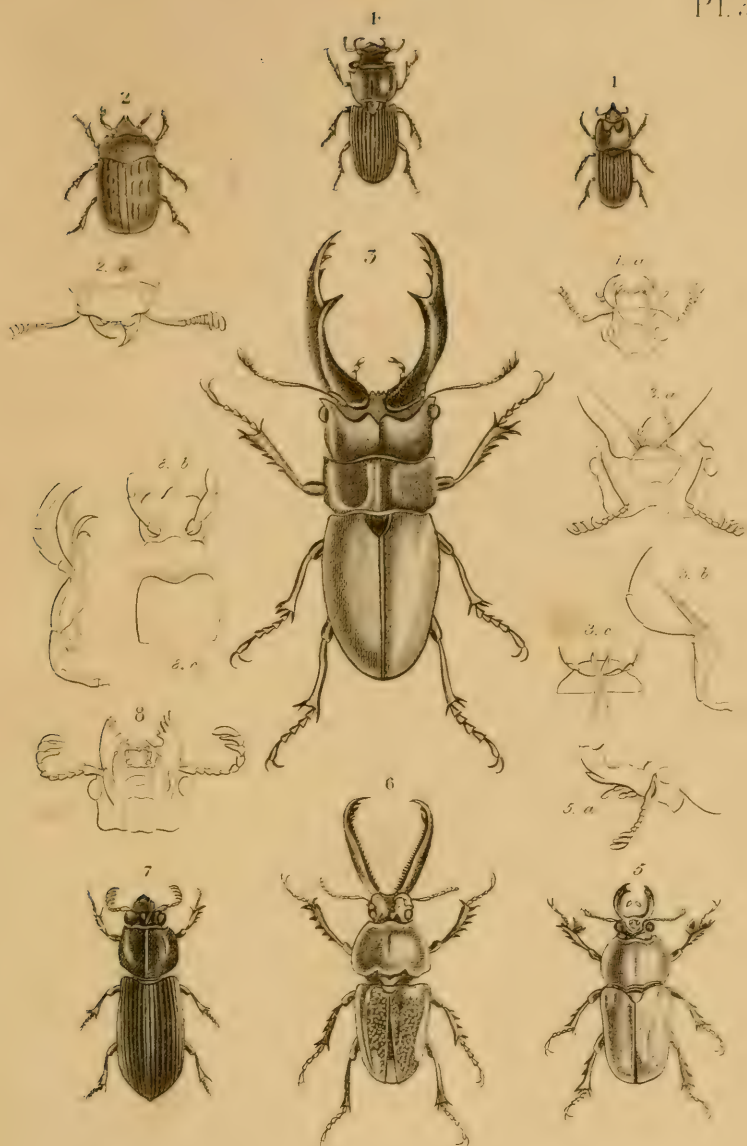
1. *Cymatodera Hopei*. G.R. Gray. 2. *Stygmatium acindeloides*. G.R. Gray. 3. *Lasiodera Kirbyi*. G.R. Gray. 4. *Hololepta glabra*. Gray. 5. *Stilpnomolus curviformis*. G.R. Gray. 6. *Trypanæus denticollis*. G.R. Gray.



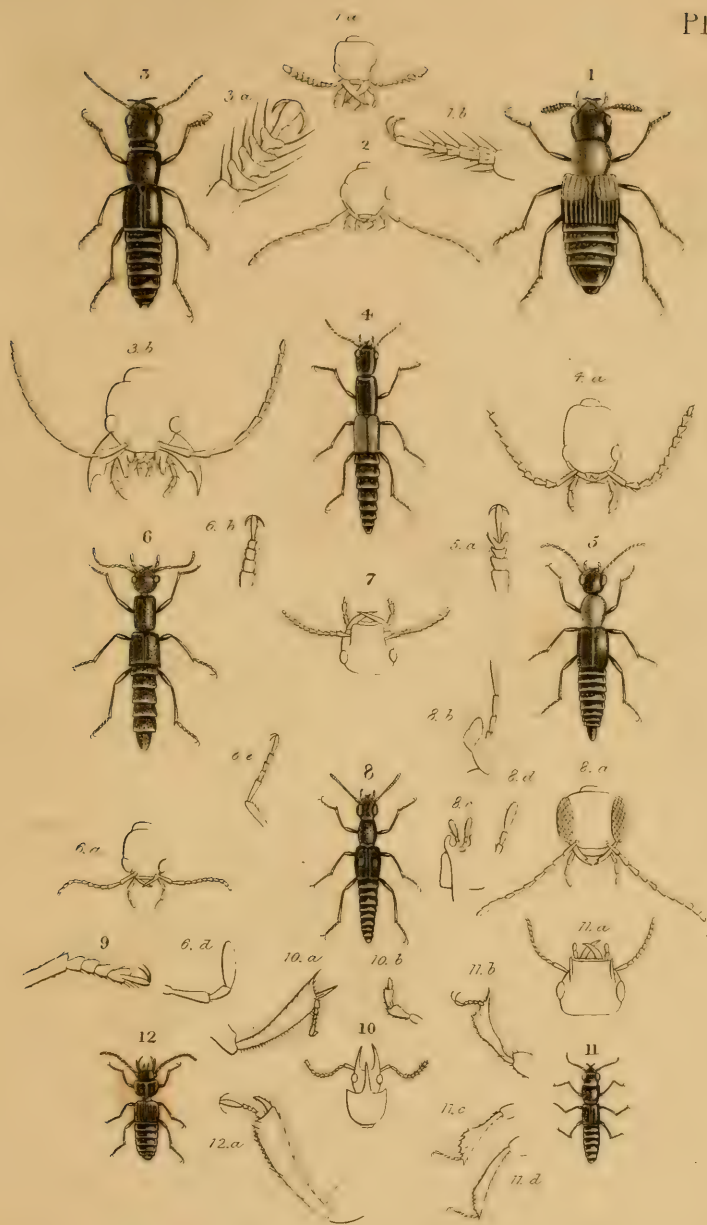
1. *Dolichocera Childreni*. G.R. Gray. 2. *Brenthus Temminchii*. Kuhl.
3. *Chlorima cyanipes*. G.R. Gray. 4. *Curculio spectabilis*. G.R. Gray.



1. *Phrenapates Bennettii*, Kirby. 2. *Antinachus cornutus*, Gbl. 3. *Toxicum Richi-asiacum*, Latr. 4. *Ryfsocheton politus*, G.R. Gray. 5. *Zopherus Mexicemus*, Hope. 6. *Nyctelia Hopei*, G.R. Gray.



1. *Sinodendron cylindricum*. L. Fab. 2. *Cesalus scaraboides*. Fab. 3. *Lampro-
maenea*. Latr. 4. *Platycerus auriculatus*. Gory. 5. *Lampro-
maenea*. Latr. 6. *Pholidotus Humboldtii*. Sch. 7. *Passalus pectus*.
phyllus. Fals. Baux. 8. *Details of Pass. interruptus*. Fab.



1. *Oxyporus rufus*. Lin. 2. Head of *Astrapocerus ulmincus*. Oliv. 3. *Staphylinus tataricus*. Fisc. 4. *Lathrobium elongatum*. Lin. 5. *Paederus ruficollis*. Fab. 6. *Procirrus Lefebvri*. Lat. 7. Head of *Evaesthetus*. 8. *Stenus biguttatus*. Lin. 9. Ant. Claw of *Stilicicus*. 10. *Oxytelus tricornis*. Fab. 11. *Osorius brasiliensis*. Guér. 12. *Zyrophorus striatus*. Leach.



1. *Agarista Pales*. 2. *Cat & Olys of Agar glyciniae*. 3. *Coronis Leachii*. 4. *Castnia acraoides*.



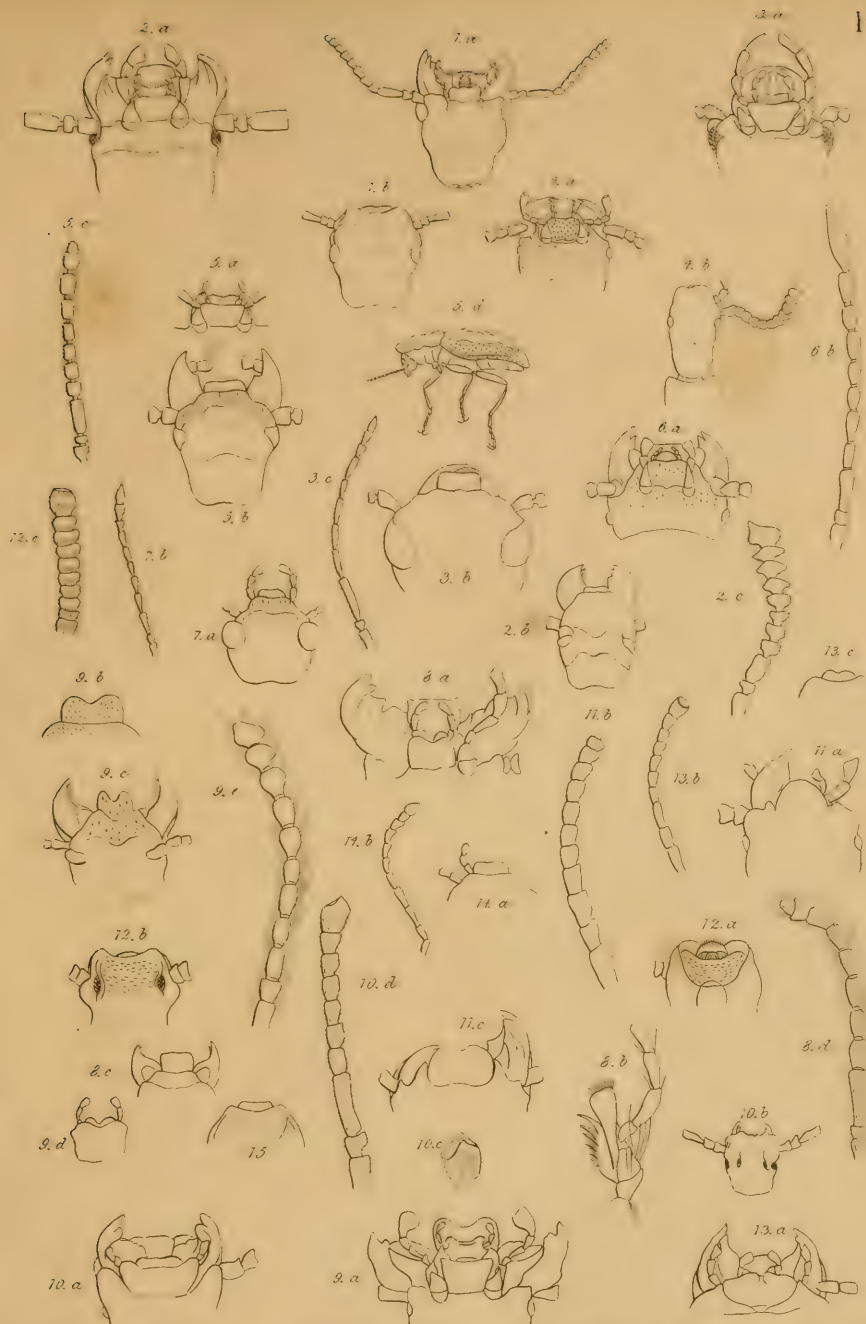
1. *Saturnia bauthiniae*. 2. Cat. of *Sat. luna*. 3. Cocoon & Chrys. of *Sat. pavonia minor*. 4. *Bombyx digramma*. 5. Cat. of *Bombyx pennsylvanica*. 6. *Lasiocampa proboscidea*.



1. *Leucothyreus nitidicollis*. Guér. 2. Details of *Anoplognathus Latreillei*. Sch. 3. *Geniastes barbatus*. Kirby. 4. *Apogonia gemellata*. Kirby. 5. *Melolontha flavida*. Gory. 6. Antenna of *Melol. vulgaris*. 7. Ant. of *Rhisotrogus pini*. Latr. 8. *Ceraspis decora*. Gory. 9. Details of *Cer. albida*. Serv. 10. *Arcoda Kirbyi*. MacLeay. 11. *Serica flavimana*. Gory. 12. Details of *Sericavariabilis*. Latr. 13. *Diphucephala furcata*. Guér. 14. *Macroductus saturatus*. Chev.



1. *Pimelia vestita*, Gory. 2. *Erodius gibbus*, Fabr. 3. *Zophosis testularius*, Oliv. 4. *Nyetelia luczölü*, Chev. 5. *Hegeter lugenoides*, Gory. 6. *Tentyria punctipennis*, Lebhv. 7. *Akis Goryi*, Guen. 8. *Elenophorus americanus*, Lacord. 9. *Eurychora rugosula*, Guen. 10. *Adelostoma rugosa*, Gory. 11. *Tagenia orientalis*, Gory. 12. *Psammeticus costatus*, Guen. 13. *Scaurus rugosus*, Latr. 14. *Scotobius granosus*, Lacord. 15. *Sepidium vestitum*, Gory. 16. *Trachynotus villatus*, Latr. 17. *Moluris luteipes*, Guen.



1. *Psammeticus costatus*. 2. *Scotobius granosus*. 3. *Moluris luteipes*. 4. *Targia orientalis*.
 5. *Sepidium vestitum*. 6. *Scaurus rugosus*. 7. *Tachynotus vittatus*. 8. *Pincha sericea*. 9. *Nyctelia Luczoli*.
 10. *Eurychora rufosula*. 11. *Hegeter lugenivoides*. 12. *Adelostoma rugosa*. 13. *Prodius pubis*.
 14. *Zophosis testudinarius*. 15. *Aklis Coryi*.

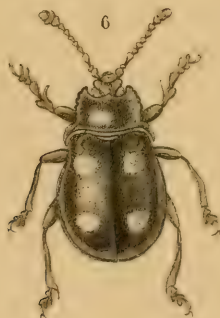


1. *Erycinavirginiensis*. Boisd. 2. Cat. & Chrys. of *Erycina lucina*. 3. *Myrina*. *latra*. God. 4. *Polyommatus* Thoe. Boisd. 5. Cat. & Chrys. of *Polyompruni*. God. 6. *Zephyrius amor*. Dalm. 7. Details of *Polyom. roxus*. God. [*a. Lycana. horsf.*]



Stylops Childroni.

T. O. Westwood, del.

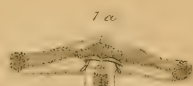


1. *Temnoscheila splendens*. G.R. Gray. 2. *Parandra fasciata*. G.R. Gray. 3. *Tropositas squamosa*. G.R. Gray. 4. *Cucujus Dejeani*. G.R. Gray. 5. *Triplatomavariegata*. Westwood. 6. *Eumorphus tetraspilotus*. Hope.



1. *Callirhipis Childroni*. 2. *Megalophthalmus Bonnetii*. 3. *Calyptocephalus ruscianus*.
 4. *Stegmatium (Cicindeloidea)*. 5. *Gymatodera Hopi*. 6. *Stilpnonotus curvifrons*.
 7. *Lasiodera Kirbyi*. 8. *Hololepta glabra*. 9. *Trypanocerus denticollis*.





1. *Plagiocephalus lobularis*. Wiedem. 2. *Diopsis brevicornis*. Say. 3. *Zypothrica dispar*. Wiedem.





Westwood. del.

Bull. sc.

1. *Scaphura Kirbyi*. Westw. 2. *Gryllus umbraculatus* Lin. 3. *Phyllium bioculatum*. G.R. Gray

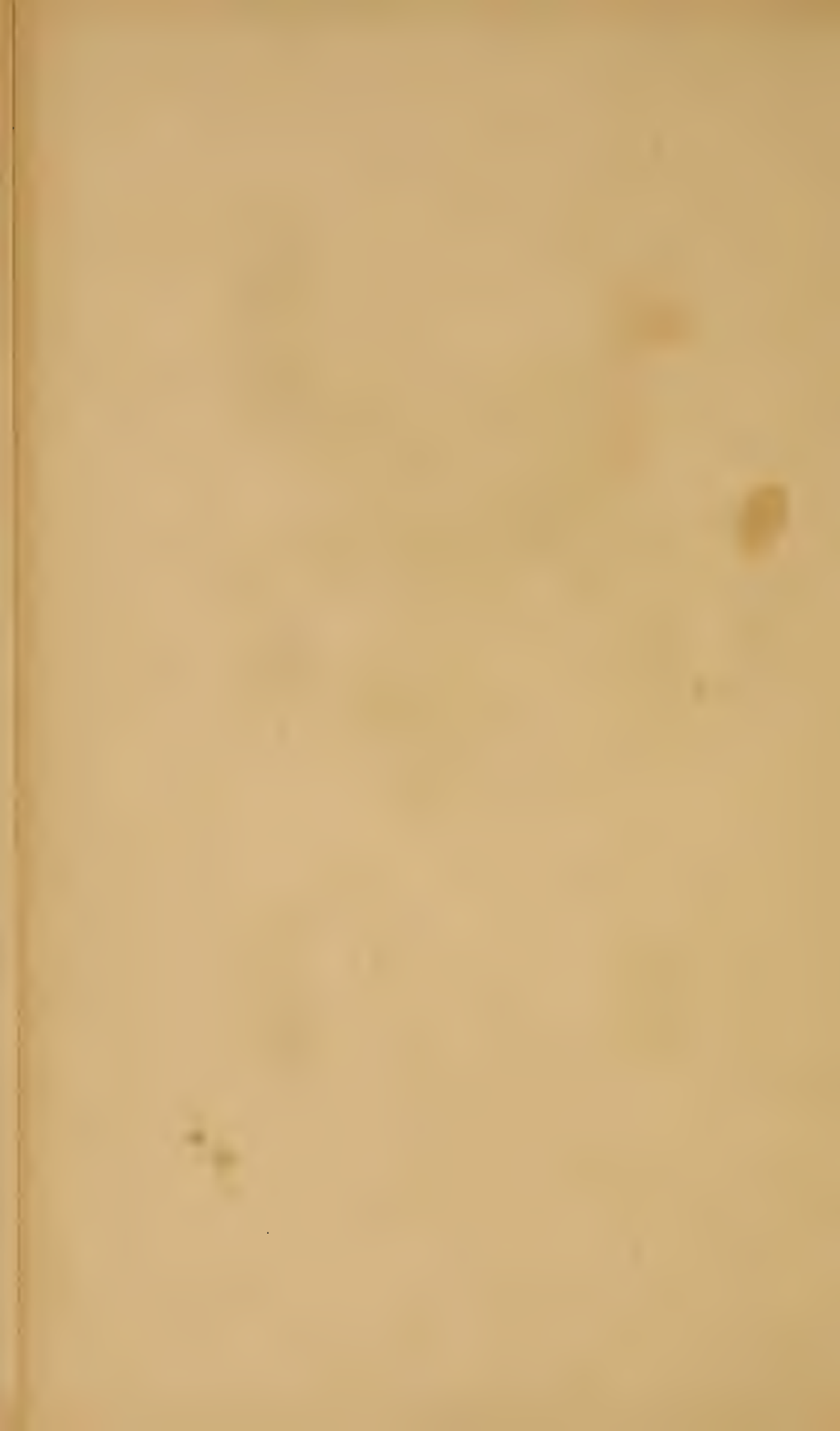


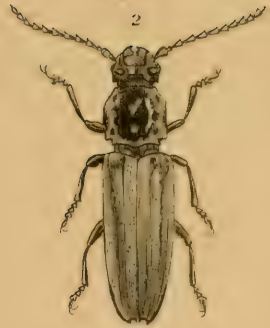


Westwood, del.

Emm.

Gryllus monticollis. C.R. Gray.



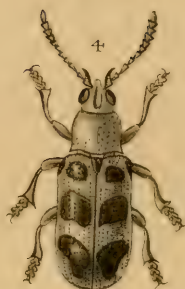


1. *Enicodes Fichteli*. G.R.Gray. 2. *Coptocephalus Brasiliensis*. G.R.Gray. 3. *Phœnicocerus Dejeani*
Lat. † *Anacolus Lugubris*. Serv. 5. *Eurycephalus niger*. G.R.Gray. 6. *Clytus Hayii*. G.R.Gray



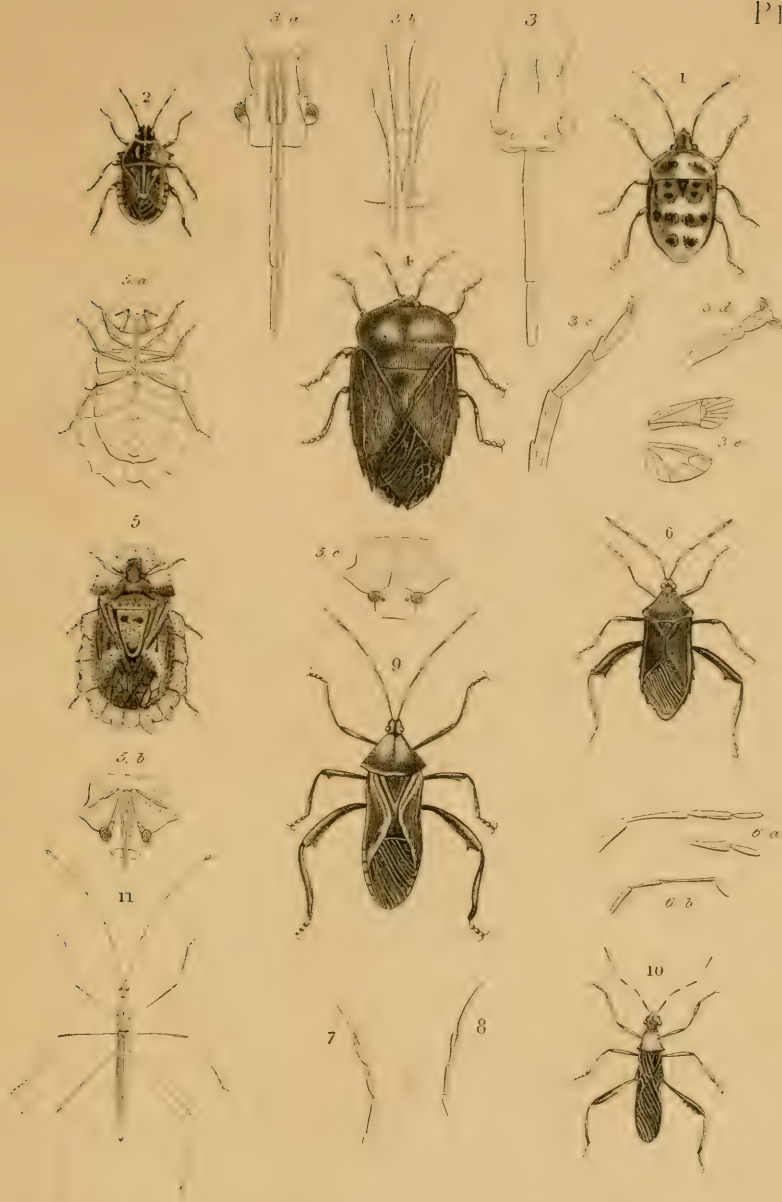
L. O. Westwood, del.

1. *Schizocerus Peletrii*. G. R. Gray. 2. *Perga scutellata*. Westw. 3. *Stephanus Brasiliensis*.
Westw. 4. *Megalura fascipennis*. Westw.

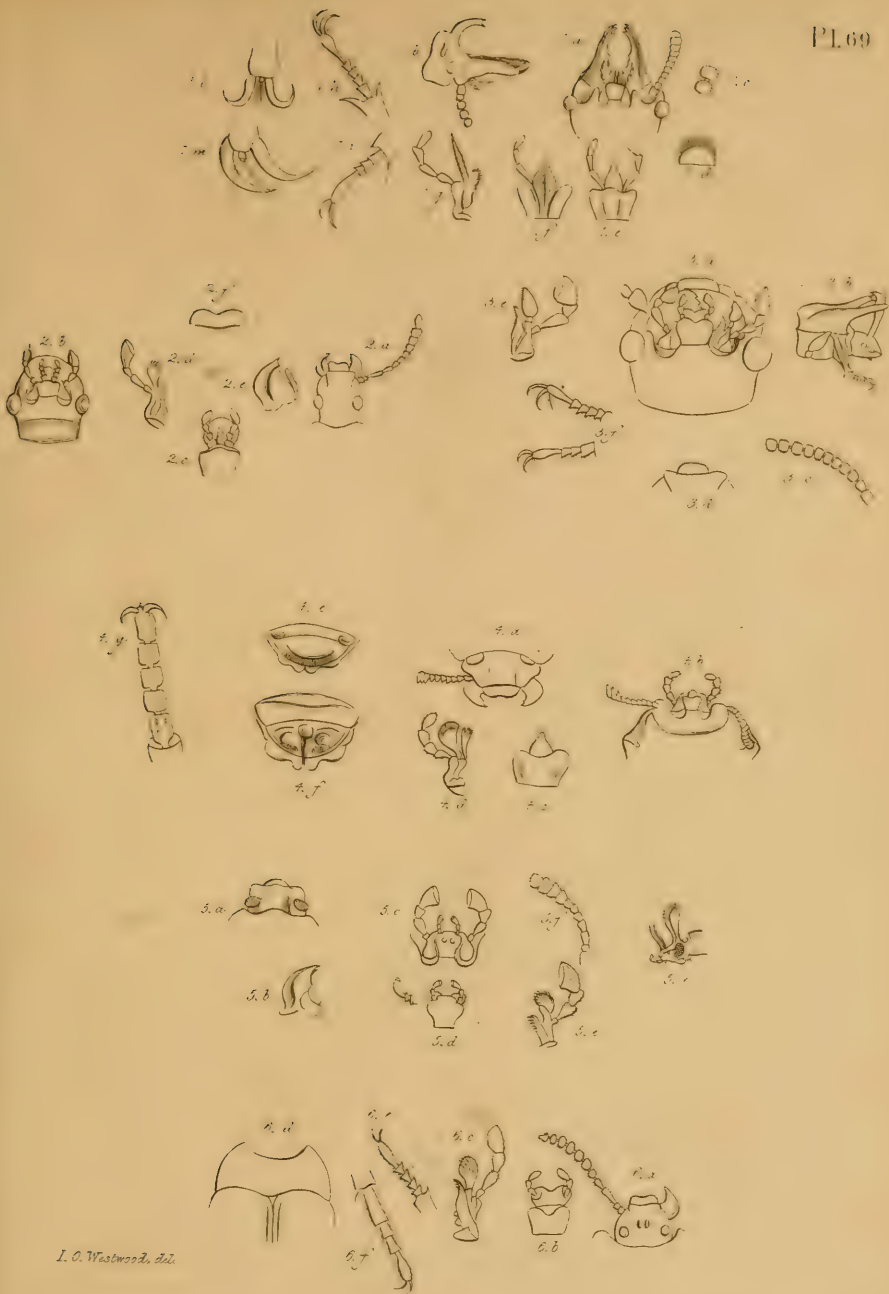


L. J. Westwood del.

1. *Megamerus Kingii*. Mac. Leay. 2. *Carpophagus Barksi*. Mac. Leay. 3. *Goniopleura auricoma*. Westw. 3. *Chelobasis bicolor*. G. R. Gray. 5. *Crytocephalus rugicollis*. G. R. Gray. 6. *Doryphora princeps*. G. R. Gray.



1. *Scutellera Dives*. Guer. 2. *Pentatomayolofa*. Guer. 3. *Details of Pent. grisea*. Latr. 4. *Tessera-toma Senneratii*. Serv. & St Farg. 5. *Philæa cassidoides* Serv. & St Farg. 6. *Coreus rubiginosus*. Guer. 6a. *Ant. of Gonocerus*. 6b. *Ant. of Syromastes*. 7. *Ant. of Pachlis*. 8. *Ant. of Holhymenia*. 9. *Anisoscelis profluvius*. Fab. 10. *Alydus annulicornis*. Guer. 11. *Neides bipularia*. Latr.



1. *Phrenapates Boudtii*. 2. *Rhyssochiton politus*. 3. *Antimachus cornutus*. 4. *Zopherus Mexicana*
5. *Toxicum Richesiachum*. 6. *Nictelia Poppi*.



I. O. Westwood, del.

1. *Anacolus quadri punctatus*. G.R. Gray. 2. *Gnomasuturalis*. Westw.



L. J. Westwood, del.

1. *Scolia fulva*. O.R. Gray. 2. *Mutilla Klugii*. O.R. Gray. 3. *Myrmecodes australis*. Leach.



L. O. Westwood, del.

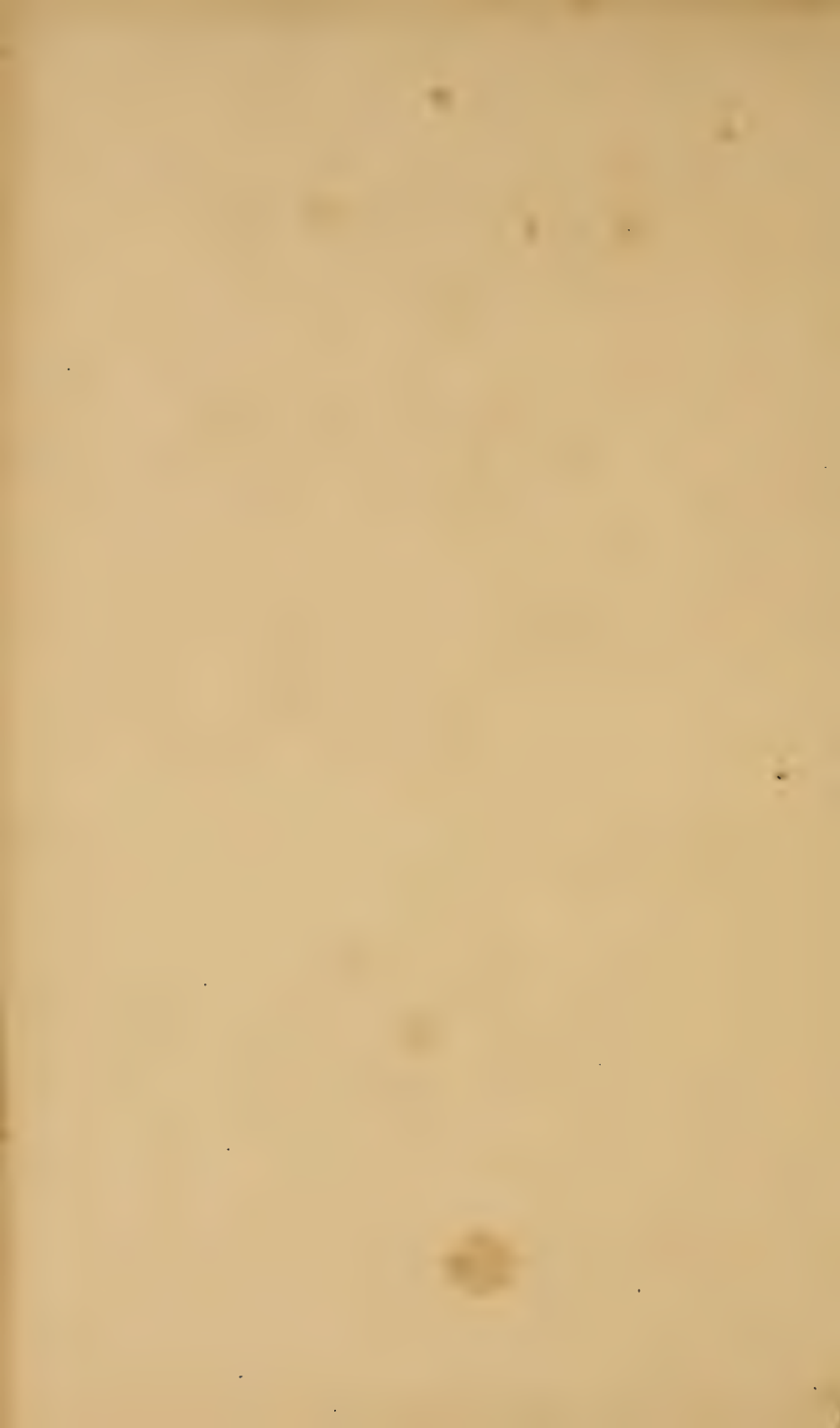
1. *Chauliodes maculipennis*. G. R. Gray. 2. *Embius? Brasilensis*. G. R. Gray. 3. *Hemerobius longicollis*. G. R. Gray. 4. *Eusthenia spectabilis*. Westw.

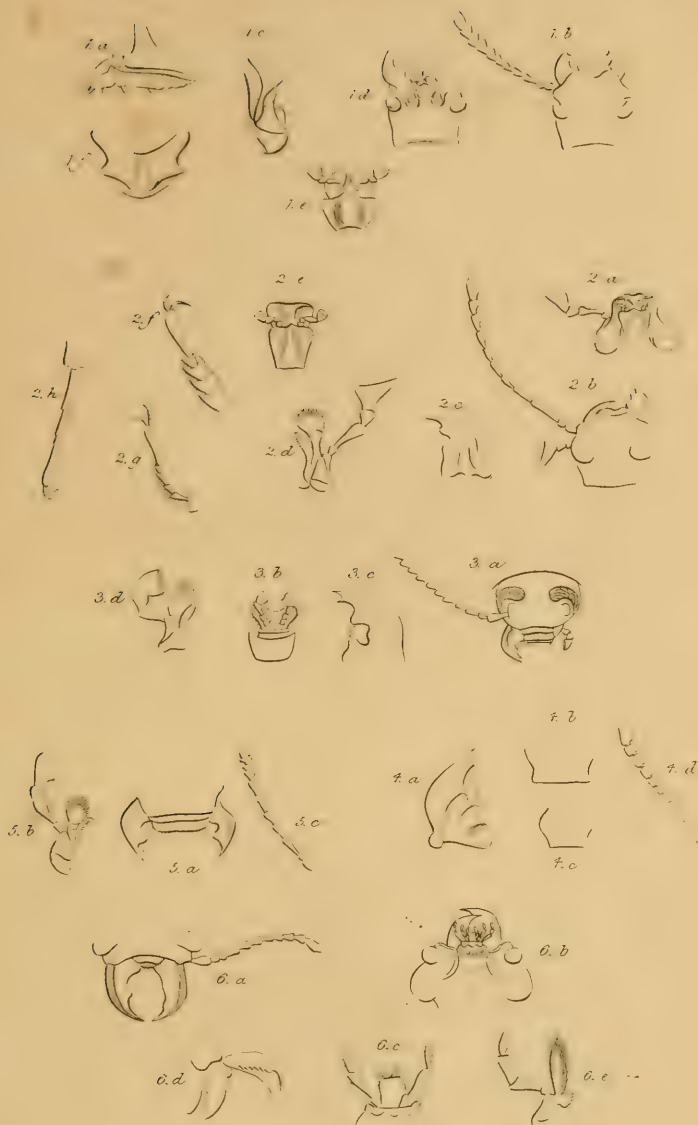




L. O. Westwood. del.

1. *Coptocephalus Brasiliensis*. 2. *Enicodes Fichteli*. 3. *Anacolus lugubris*. 4. *Phanicoceus Djéani*. 5. *Eurycephalus rugosus*. 6. *Clytus Hayii*.



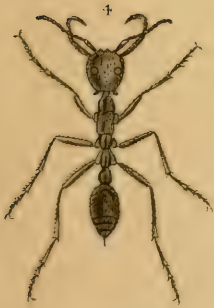


1. *Cnoidalon nodosum*. 2. *Adelium cupreum*. 3. *Diaperis nigro punctatus*
 4. *Lagria gibbosus*. 5. *Helops aterinus*. 6. *Horia maculata*.



1. *Temnoscheila splendens*. 2. *Parandra fasciata*. 3. *Cucujus Dejeani*. 4. *Tropicita squamosa*. 5. *Triplatoma variegata*. 6. *Eumorphus tetraspilothus*.





1. *Pepsis apicalis* G.R. Gray. 2. *Pompilius bifasciatus* G.R. Gray. 3. *Podium nigripes* Westw.
 4. *Camptognatha testacea* Leach. Mss. 5. *Apteropyga Ehenbergii* G.R. Gray.





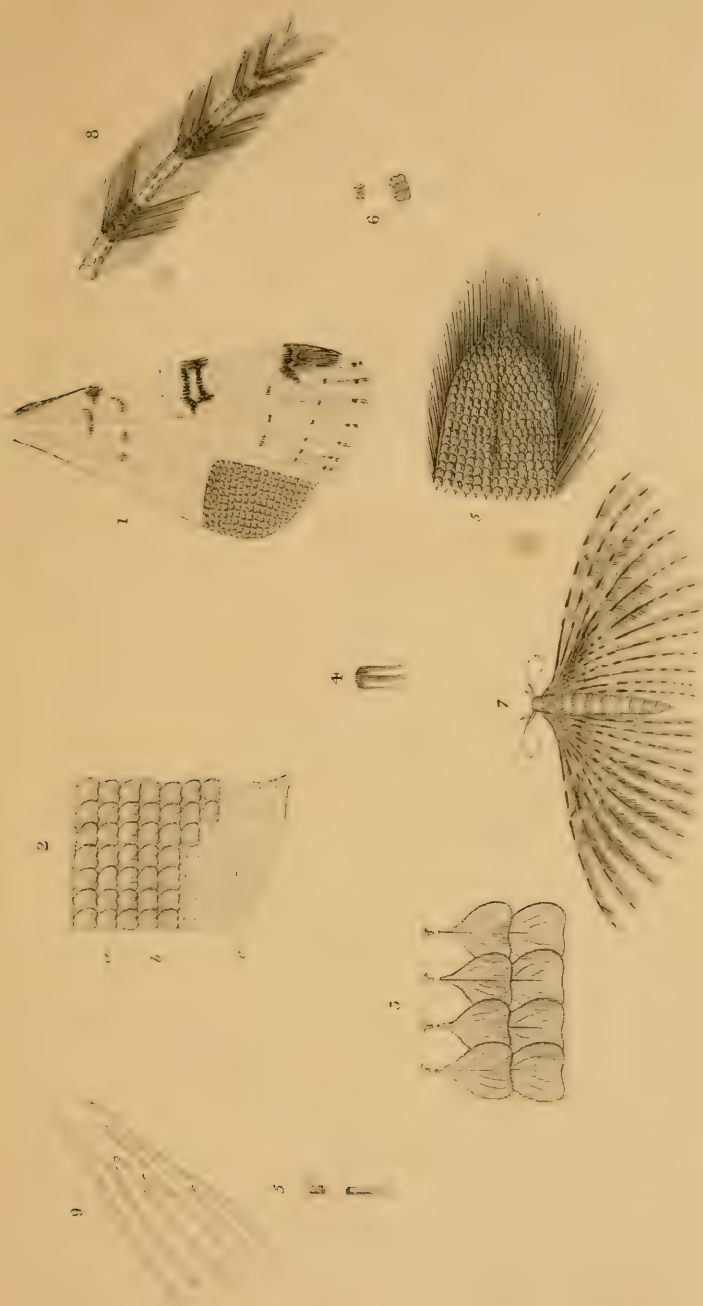
1. *Blatta maculata*. *Bibb.* 2. *Forsicula Brasiliensis*. *G. R. Gray.* 3. *Blepharis elegans*. *Westw.*



1. *Nymphalis Thamyris*. Lat. 2. *Nymphalis chrysites*. Lat. 3. *Nymphalis leucophthalma* Lat



1. *Cnodalium nodosum*. G. R. Gray. 2. *Adelium cupreum*. G. R. Gray. 3. *Helops? nigromaculatus*. G. R. Gray. 4. *Metallonotus denticollis*. G. R. Gray. 5. *Helops? rugosus*. G. R. Gray. 6. *Horiamaculata*. Fabr.

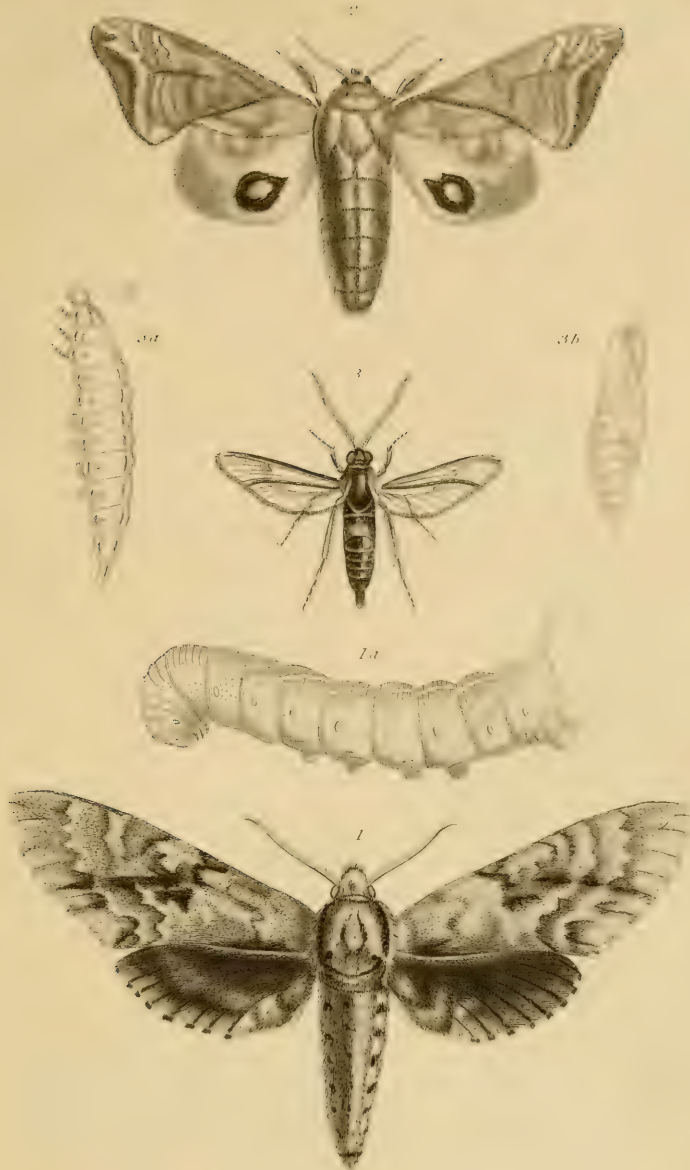


Scales or Feathers of Lepidoptera— Pl. 2.

Published by Whittaker & Co. Ave Maria Lane London 1832.

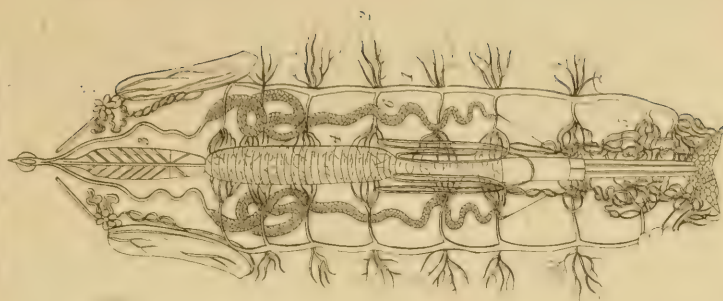


- | | |
|---|---|
| 1. <i>Chelonia evidens</i> , Bdv. | 5. <i>Dicranoura borealis</i> , Bdv. |
| 2. Caterpillar of <i>Chel. nubilis</i> , Bdv. | 6. <i>Lithosia leta</i> , Bdv. |
| 3. Details of <i>Chel. chrysorrhæa</i> . | 7. <i>Lithosia luteola</i> . |
| 4. <i>Callimorpha Lecontei</i> . | 8. Caterpillar of <i>Lithosia pulshella</i> . |
| 9. <i>Platypteryx globularia</i> , Bdv. | |

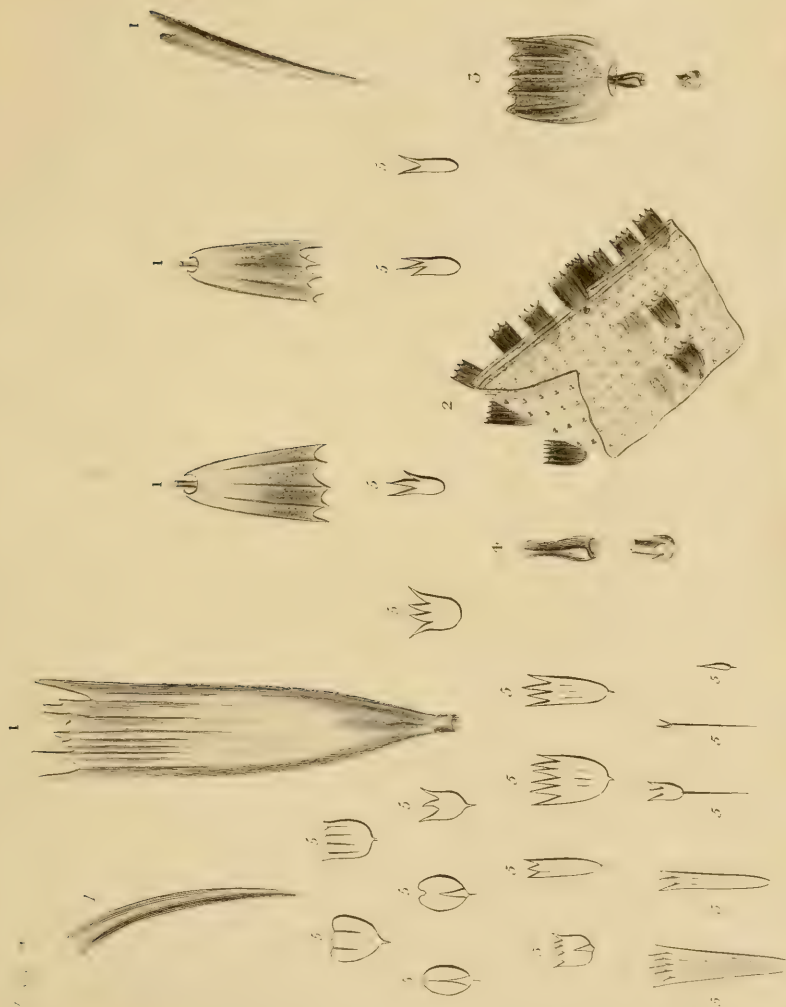


1. *Sphinx jamaicensis* Bdv.
2. *Smerinthus lo* Bdv.
3. *Sesia asilipennis* Bdv.



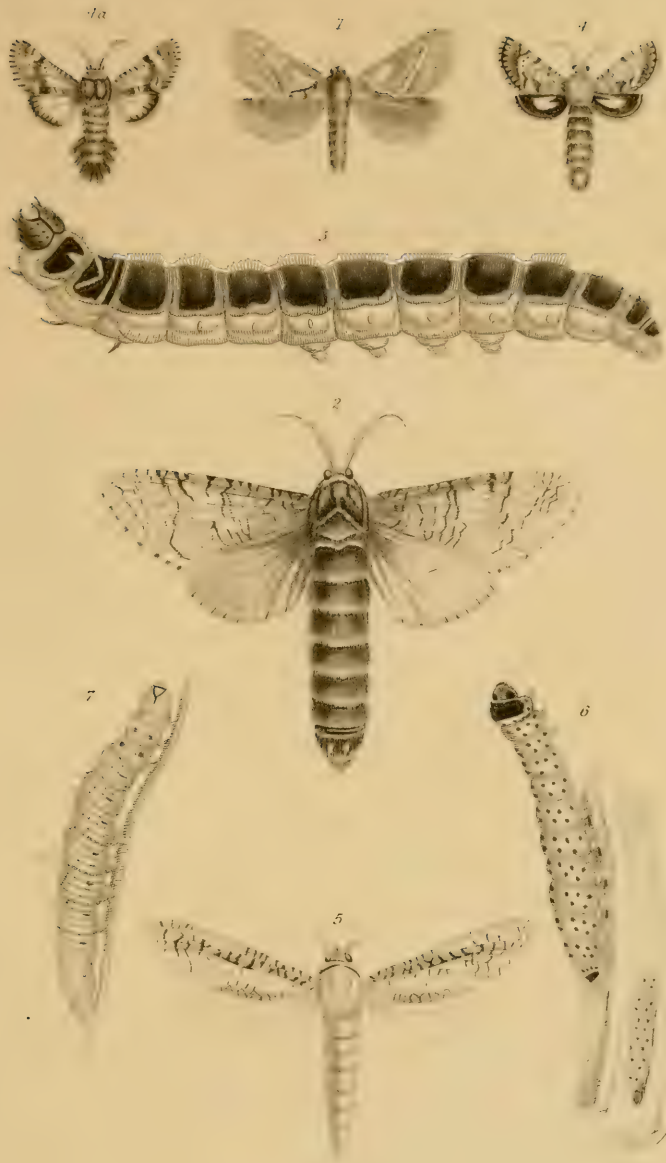


1. Trochaea
2. Protheca
3. Stomach
4. Stomach
5. Lower Intestines
6. Small Intestines



Feathers or Scales of Lepidoptera.—Pl. I





1, *Hepialus lupulinus*. Fab.

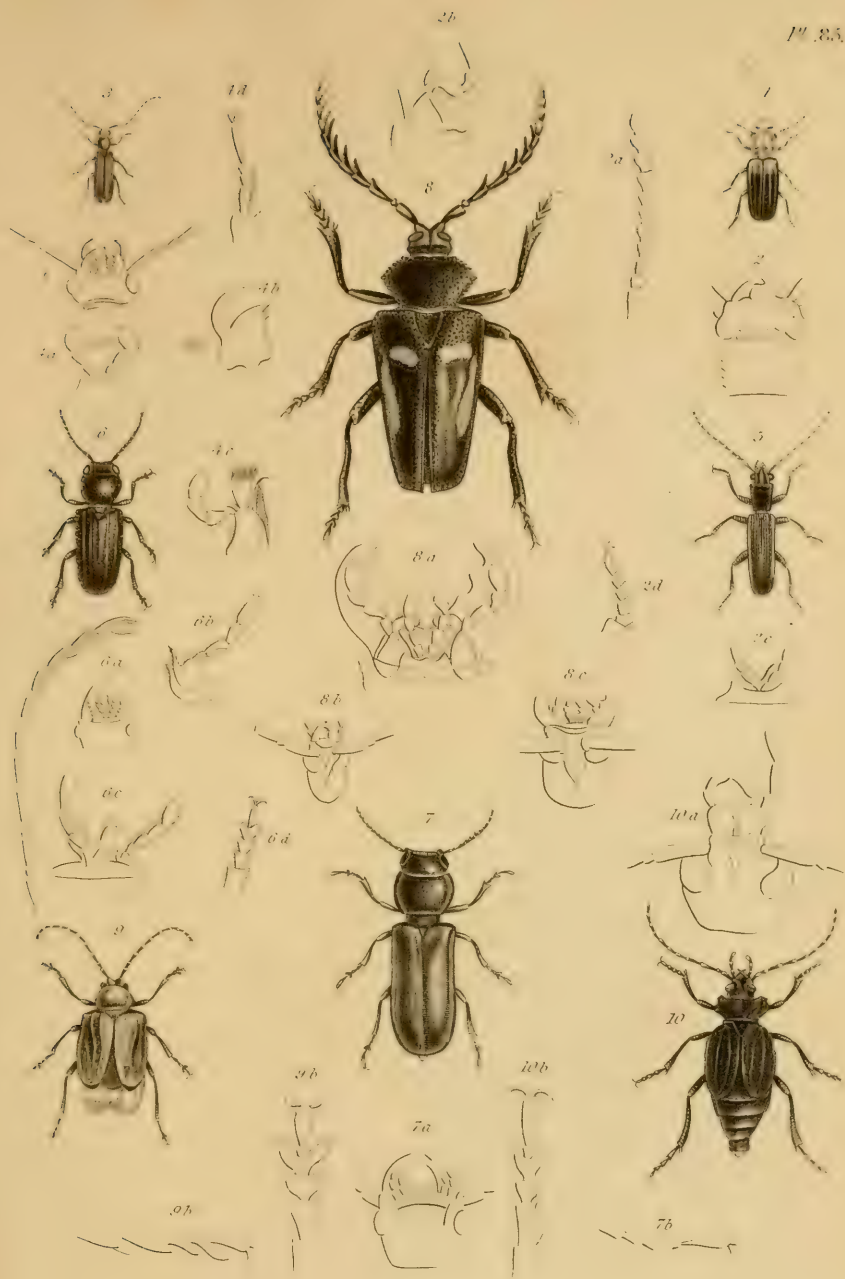
4, *Stygia australis*. Latr.

2, *Cossus Macmurtrei*. B&v.

5, *Zeuzera scalaris*. Donov.

3 Caterpillar of *Cossus ligniperda*. Fab. 6, Caterpillar of *Zeuzera asculi*. Fab.

7, Caterpillar of *Hepialus humuli*. Fab.



1. *Cucujus mandibularis*. Gory.

2. Details of *Cucujus depressus*. Fab.

3. *Brontes spinicollis*. Gory.

4. Details of *Brontes flavipes*. Fab.

5. *Dendrophagus crenatus*. Payk.

6. *Spondylus buprestoides*. Fab.

7. *Paranda lineola*. Gory.

8. *Prionus Desmarestii*. Guer.

9. *Anacolus sanguineus*. Serv.

10. *Prionapterus staphilinus*. Guér.

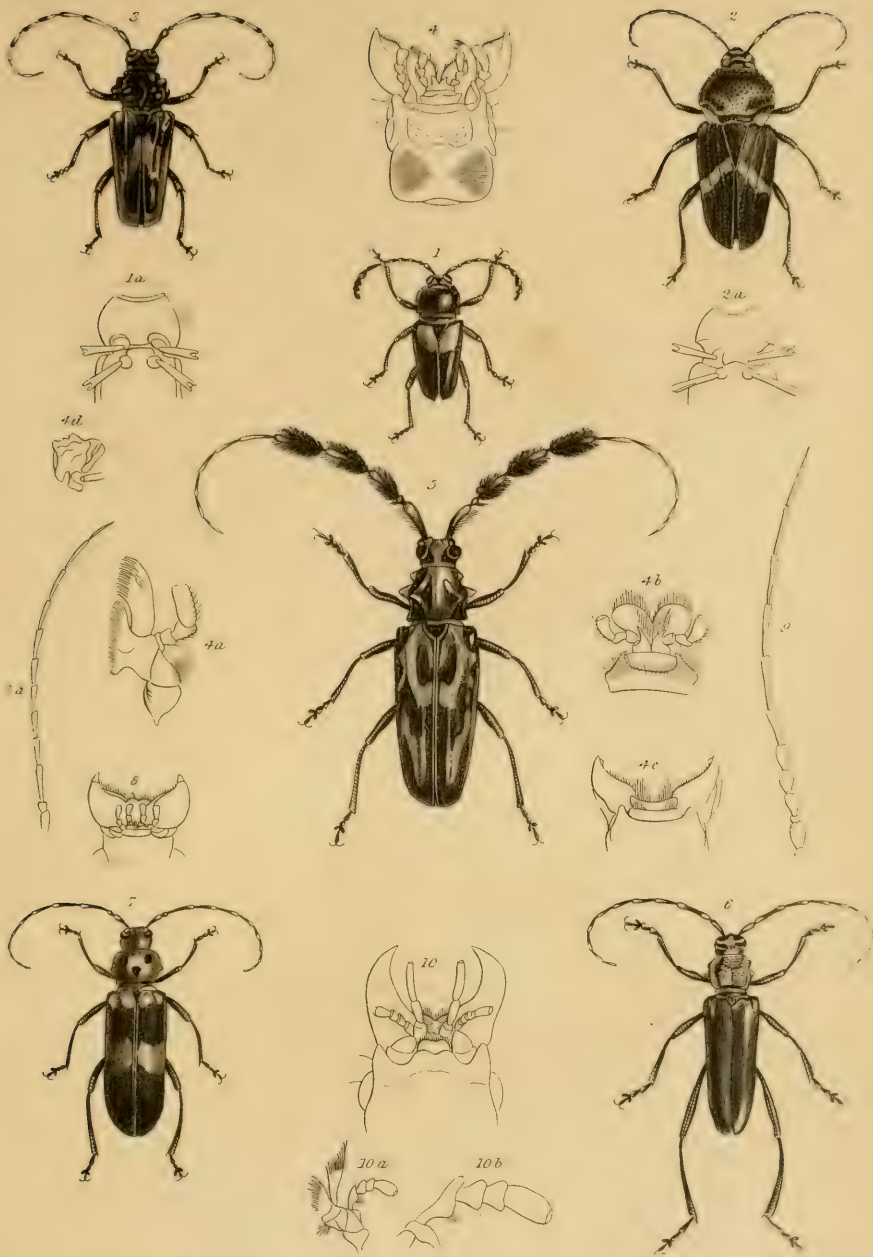


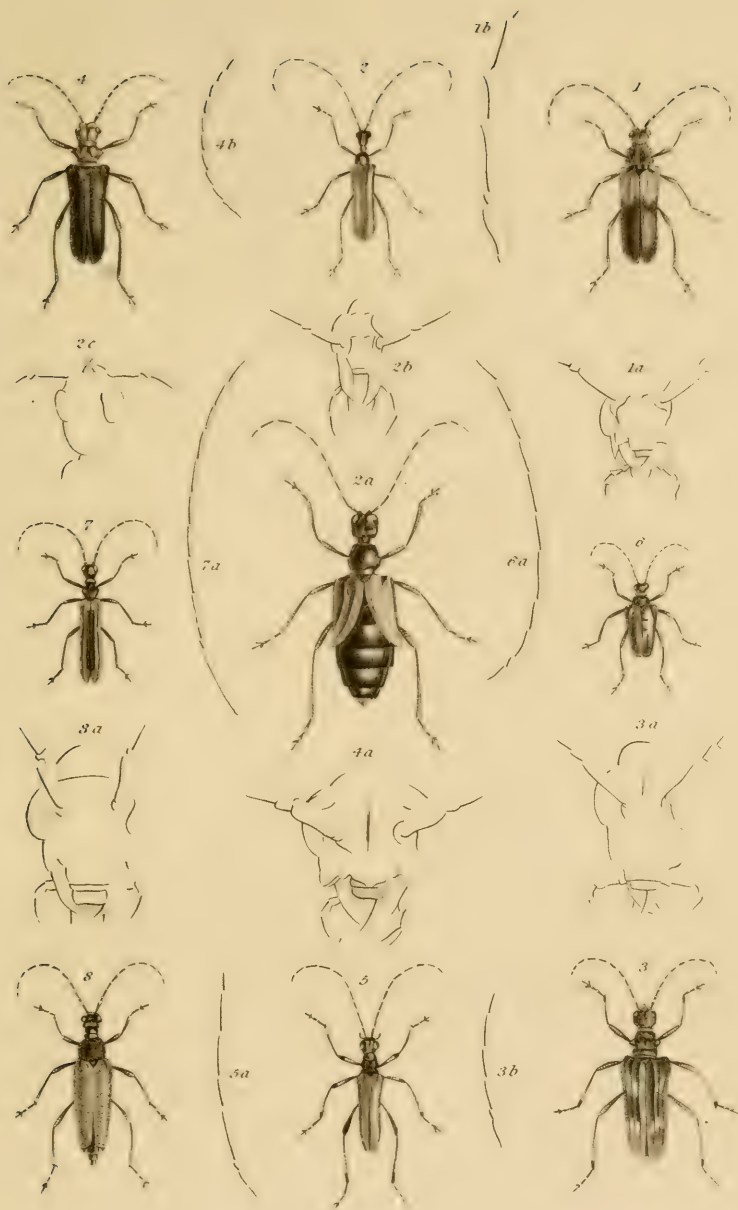
L.O. Westwood del.

Papilio cleotas. G.R. Gray.



Nymphalis Annetta.—G.R. Gray.

1. *Lissonotus unifasciatus*.—Gory.2. *Megaderus stigma*.—Fab.3. *Trachyderes nigrofasciatus*.—Gory.4. Details of *Trachyderes*. *succinctus*.—Fab.5. *Lophonocerus barbicornis*.—Oliv.6. *Callichroma speciosa*.—Gory.7. *Acanthopterus tripunctatus*.—Gory.8. Details of *Acanthopterus*. *bulensis*.—Goeze.9. Ant. of *Cerambyx*. *heros*.—Fab.10. Details of *Cer.*^x (*Callichroma*) *hemipterus*.—Oliv.



1. *Desmocerus cyaneus*. Fab.

2. *Vesperus brevis*. Guer.

3. *Rhagium bifasciatum*. Fab.

4. *Rhamnusium salicis*. Fab.

5. *Toxotus meridianus*. Fab.

6. *Lichyta Laportii*. Guer.

7. *Stenoderus ceramboides*. Kirby

8. *Leptura annulata*. Gory.



J.O. Westwood del.

1. *Fulgora punctata* G.R. Gray. 4. *Pariloptera antica* Westw.
 2. *Fulgora pallida* G.R. Gray. 5. *Lysira pulchra* G.R. Gray.
 3. *Urophora Haworthii* D^o. 6. *Fulgora nigromaculata* D^o.



J.C. Westwood del.

1. *Reduvius spinidorsis*. G.R. Gray.
2. *Reduvius dorsalis*. G.R. Gray.
3. *Reduvius tuberculatus*. G.R. Gray.

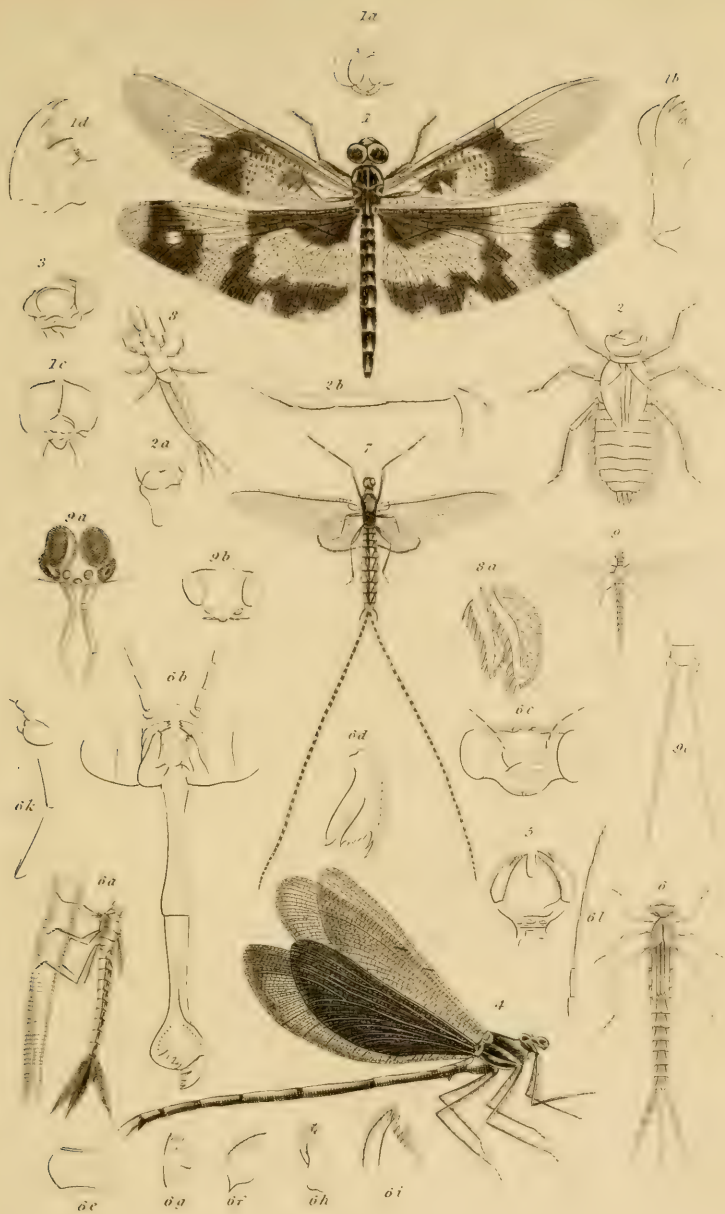


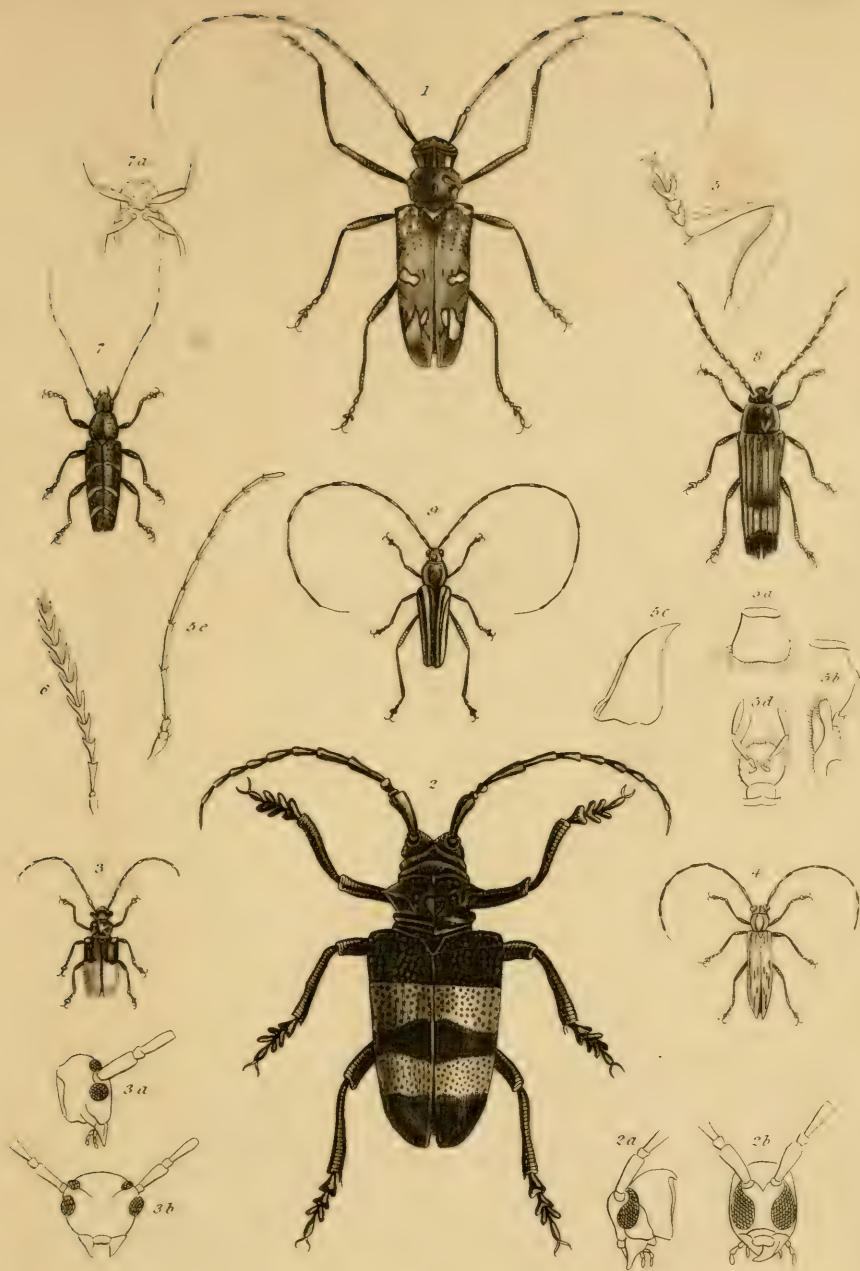
1. *Scutellera basalis* G.R.Gray. 3. *Lygaeus grandis* G.R.Gray
 2. *Canopus punctatus* Leach's MSS. 4. *Coreus bicolor* G.R.Gray.
 5. *Alidus pellucidus* G.R.Gray.

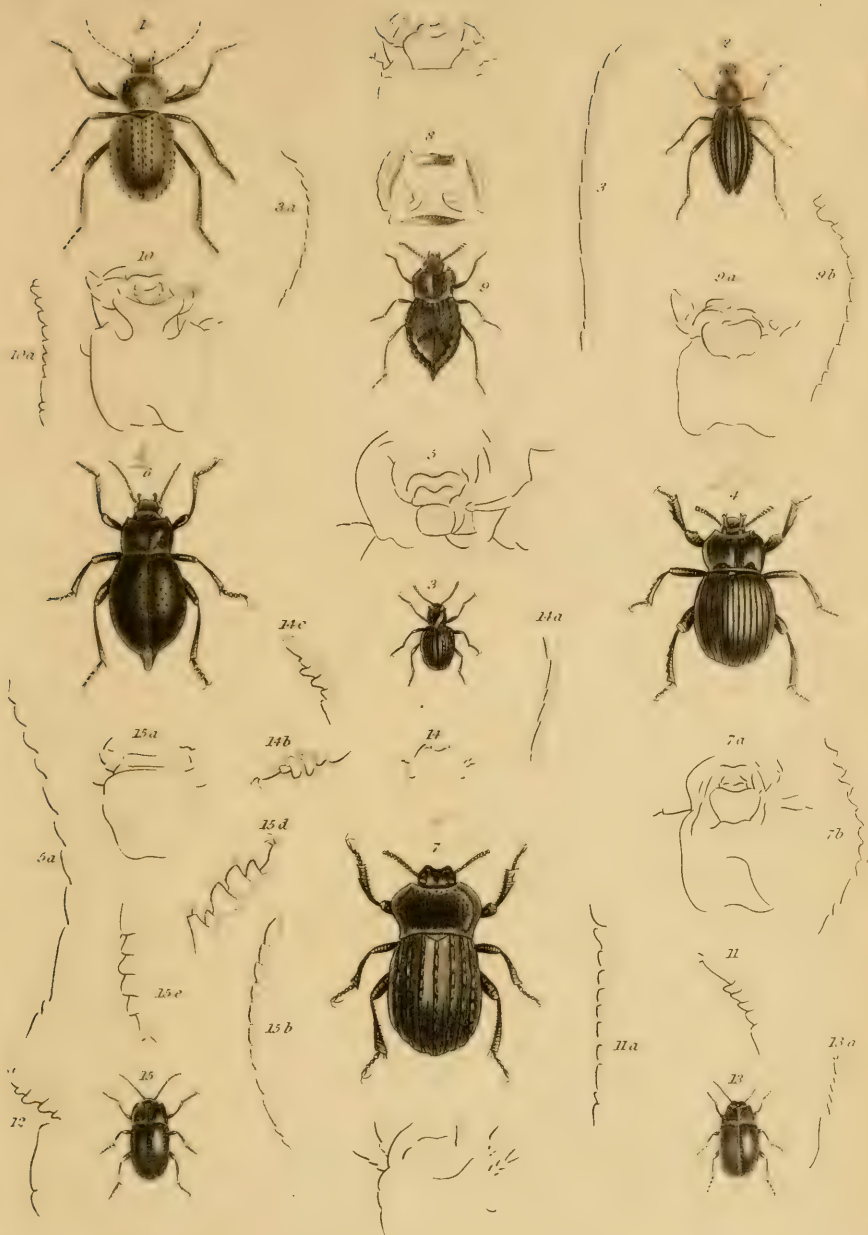


J.C. Westwood del.

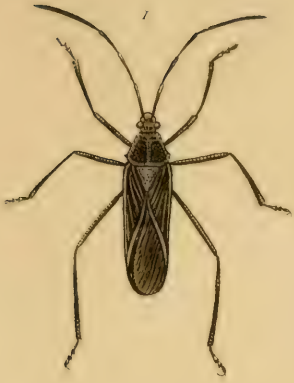
1. *Tesseratoma ossa-cruenta*. Hope MSS.
2. *Gerris laticauda*. Hardw.
3. *Belostoma marginatum*. G.R.Gray
4. *Syrtis fasciata*. G.R.Gray.

1. *Libellula Indica*. Fabr.2. Nymph of *Libellula depressa*. Lin.3. Lower lip of *Aeshne* of Egypt.4. *Agrion chinensis* Guer. Fabr.5. Lower lip of *Agrion virgo*. Fab.6. Nymph & details of *Agrion puella*. Lin.7. *Ephemera limbata*. Serv.8. Larva of *Ephemera vulgata*. Lin.9. *Ephemera bioculata*. Fabr.

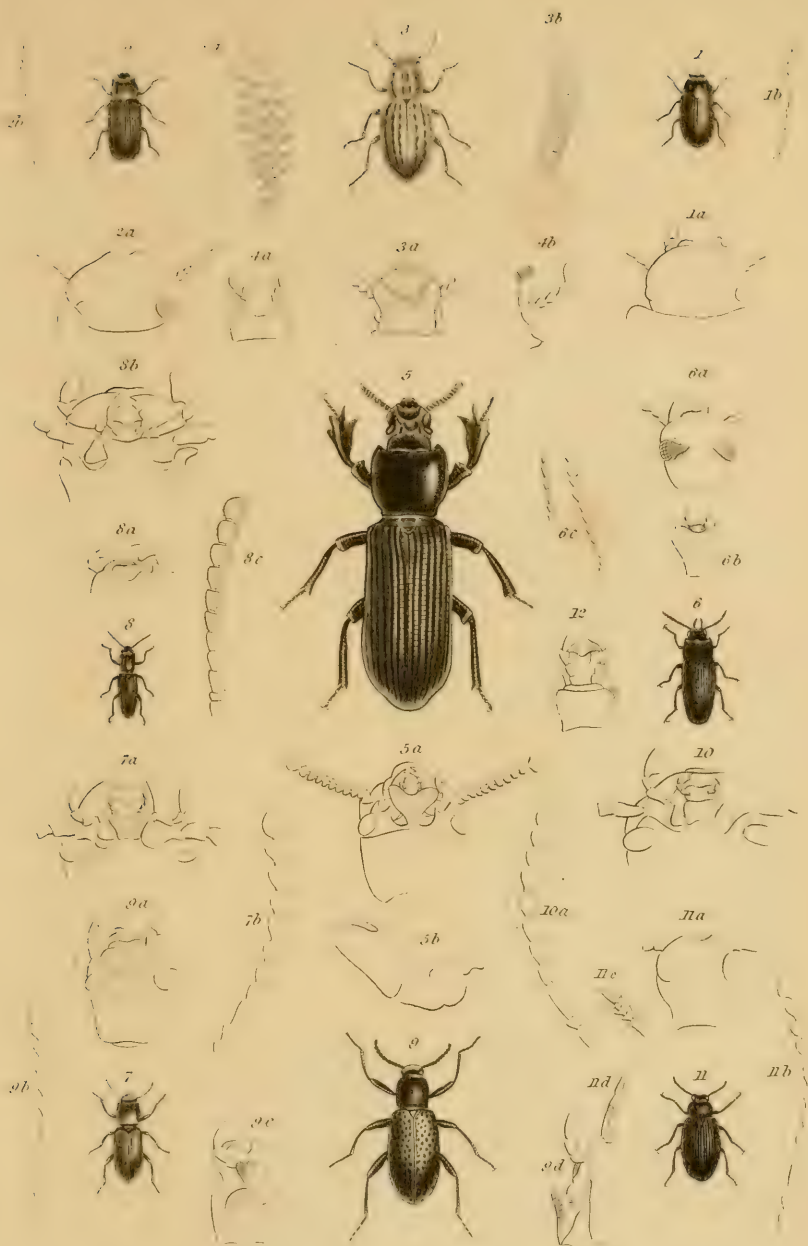
1. *Acrocnus trochlearis*. - Gory.2. *Lamia aurocincta*. - Gory.3. *Tetraopes dimidiata*. - Gory.4. *Saperda albicans*. - Guer.5. Details of *Saperda Atkinsoni*. - Curtis.6. Ant of *Distichocera maculicollis*. - Kirby.7. *Imesisternus bizonulatus*. - Guer.8. *Tragocerus bidentatus*. - Donov.9. *Leptocera bilineata*. - Gory.



Cura setosa. Kirby. 6. *Genopus tibialis*. Latr. 11. Tars & Ant of *Epitetrus chl.* Dej.
Acanthomera gratilla. Guér. Herbst. 7. *Anomalipes dentipes*. Lat. Fab. 12. D. of *Heliophilus Hispanicus*. Dej.
Tisolampus Monimansgii. Latr. 8. Corslet of *Machla villosa*. Herbst. 13. *Pedinus gibbosus*. Gory.
Blaps mortisaga. Fab. 9. *Scotinus brasiliensis*. Gory. 14. Details of *Blapstinus punct.* Sch.
Mouth & Ant of *Blaps sulcata*. Fab. 10. M. & Ant of *Asyda levigata*. Fab. 15. *Phytoscelis gages*. Fisch



1. *Nematopus rufoscutellatus*. — G. R. Gray
2. *Zelus rufescens*. — G. R. Gray.
3. *Emesa nigrum* !. — Fab. [?]



1. *Crypticus gibbulus*. Sch.

2. *Opatrum elongatum*. Guer.

3. *Corticus celtis*. Germ.

4. Details of *Orthocerus muticus*. Lat.

5. *Chroscelis bifenestrata*. Lam.

6. *Toxicum curvicoxae*. Chev.

7. *Beros thoracicus*. Gul.

8. *Calcar elongatus*. Herbst.

9. *Uris ceramboides*. Fab.

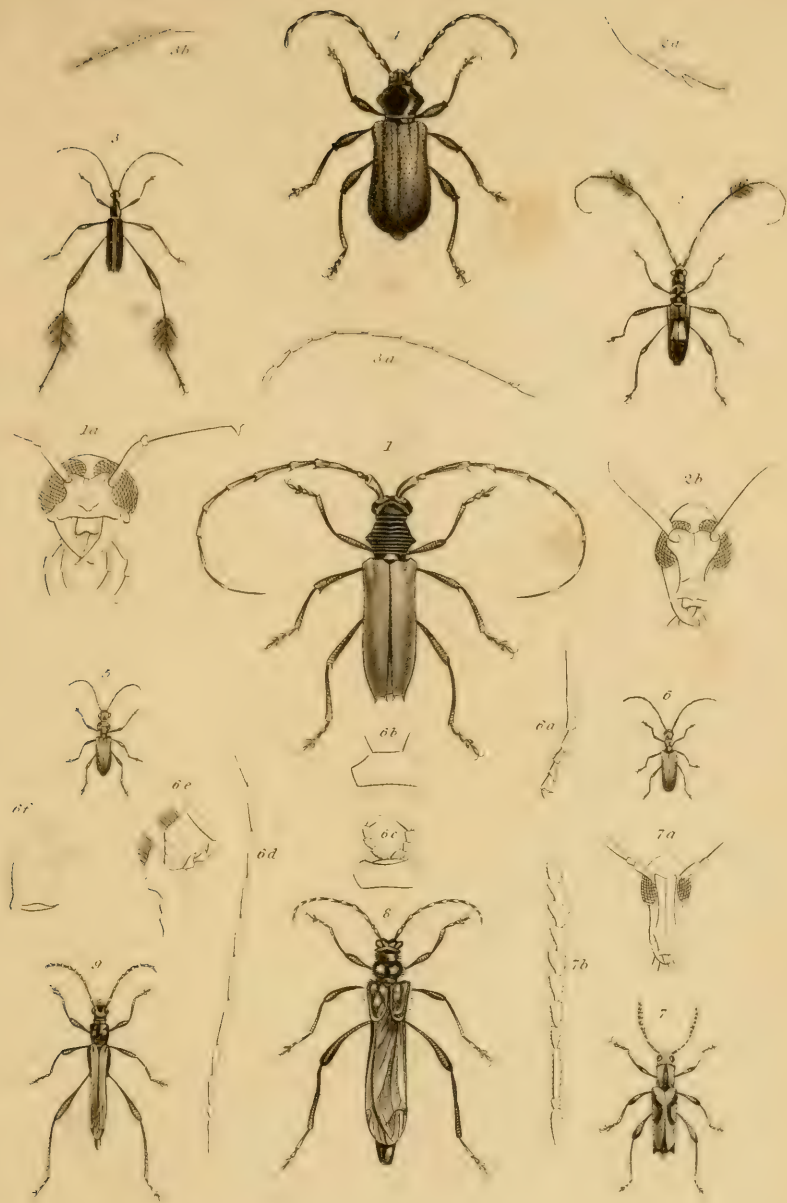
10. Details of *Tenebrio molitor*. Lin.

11. *Heterotarsus tenebrioides*. Guer.

12. *Tenebrio obscurus*. Fab.



1. *Urania Boisduvalii*. G.
 2. *Hesperia sabadus*. Bdv.
 3. Cat & Chryx of *Hesperia tages*. Fab.
 4. do of *Hesperia Linea*. Fab.



1. *Cerambyx rufipennis*.—Gory.

2. *Cerambyx speculifer*.—Gory.

3. *Cerambyx hirtipes*.—Gory.

4. *Callidium insubrecum* Ziegler.

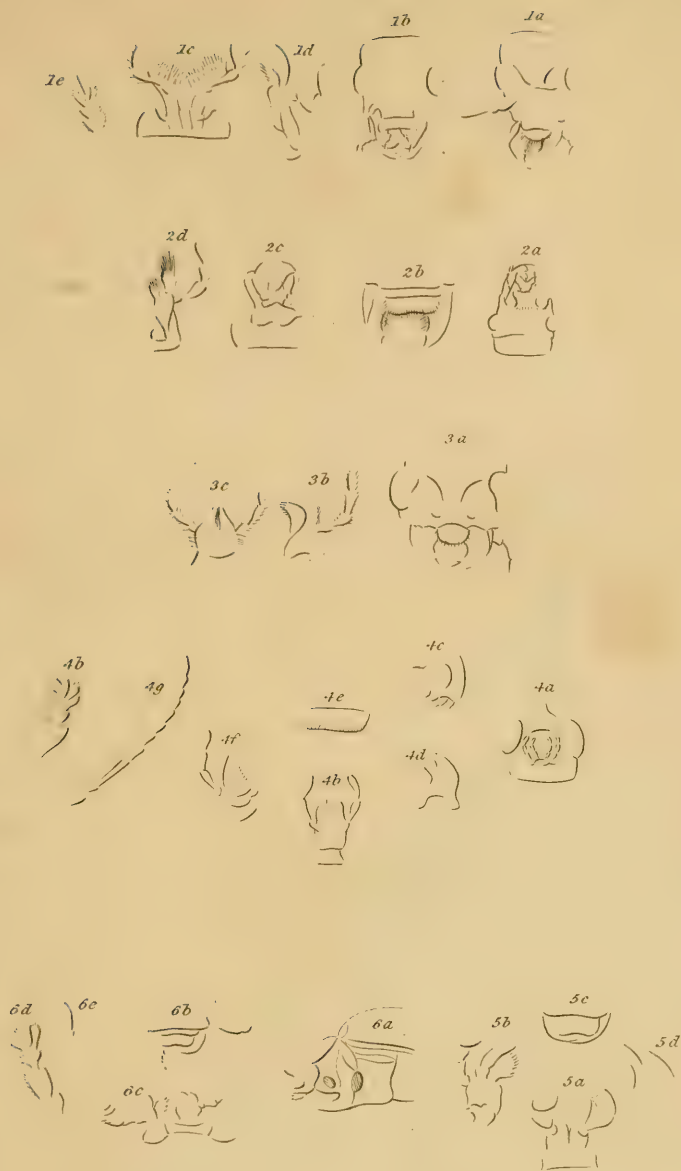
5. *Certallum ruficollis*.—Fab.

6. *Obrium ferrugineum*.—Fab.

7. *Rhinostragus coccineus*.—Gory.

8. *Necydalis major*.—Lin.

9. *Stenopterus elegans*.—Klug.

1. *Mergamerus Kingii*.2. *Carpophagus Banksiae*.3. *Gonioptera auricoma*.4. *Chelobasis bicolor*.5. *Crysocephalus rugicollis*.6. *Doryphora princeps*.



1 *Erycina (Chorinea) Xanthippe* M. Gray

2 *Erycina (Dorila) asteris* C.R. Gray

3 *Barbicornis (Chroma) basalis* Lat. Gai.

4 *Erycina (Lamproptera) curius* C.R. Gray





1 *Sericaria raniceps* Bdv.

2 *Serie tessellata*

3 *Notodonta ziczac* Lin.

4 *Oryzia detrita* Bdv.

5 *Org gonostigma*

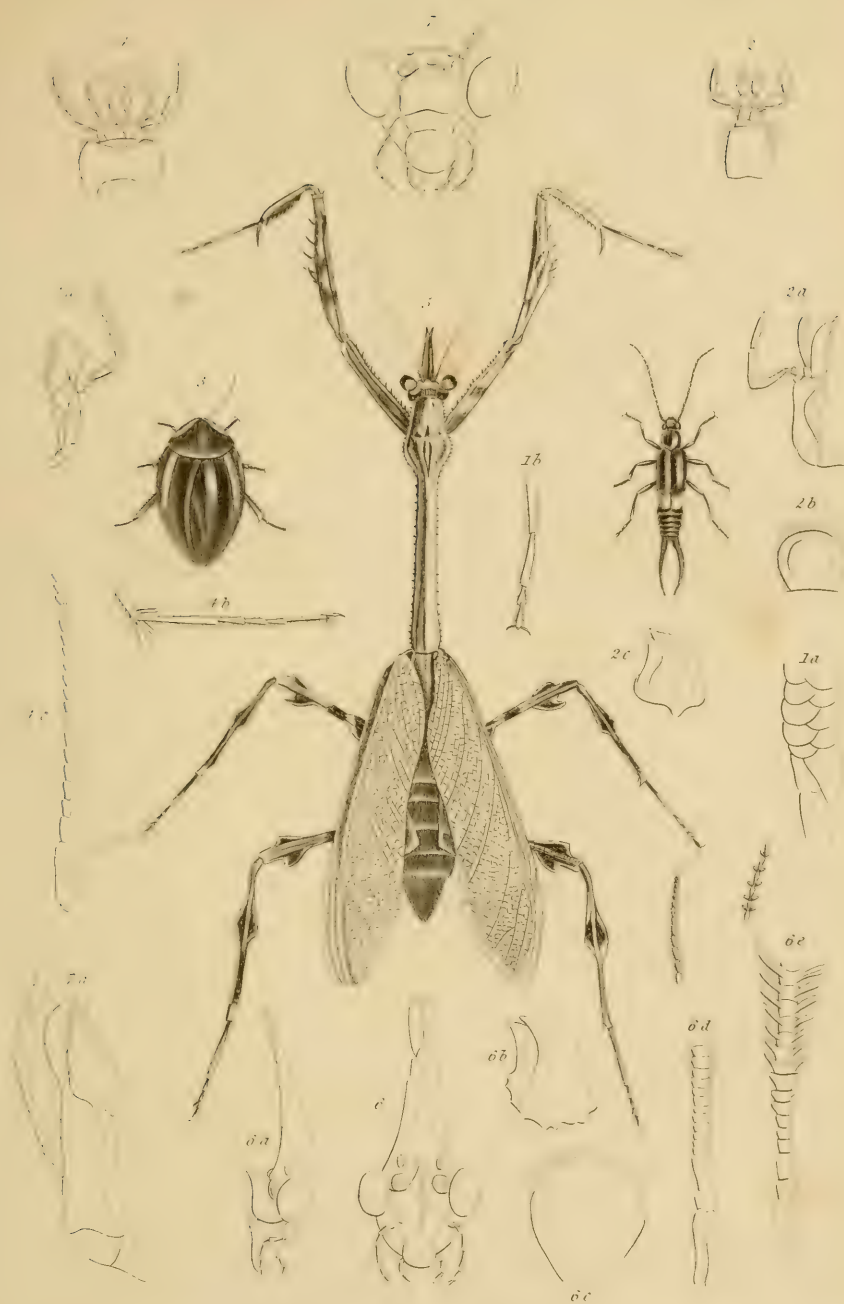
6 *Limacodes delphinii*

7 *Limac strigata*

8 *Lim indeterminatus*

9 *Psyche calvella*

10 *Psyche nitidella*



1. *Fornicula (Spondiphora) Serv. inaequalis* Serv.

2. Details of *Fornicula auricularia* Lin.

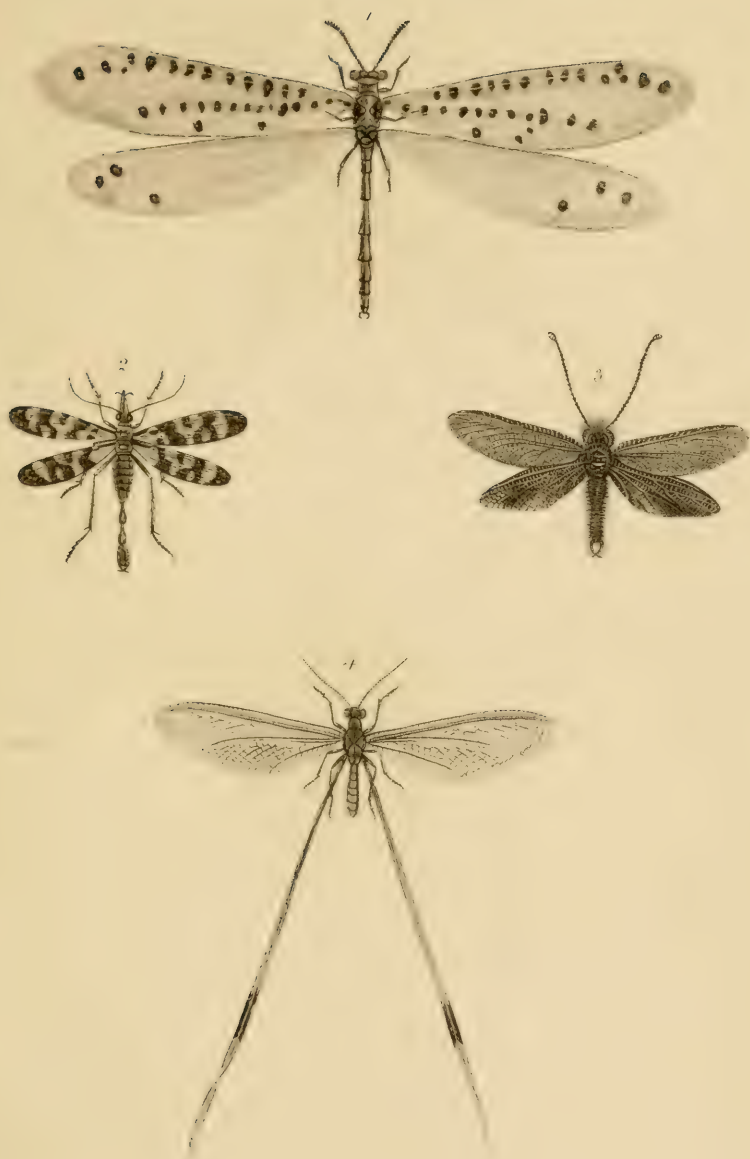
3. *Blatta (Blattella) picea* Fab.

4. Details of *Blatta Egyptiaca* Fab.

5. *Empusa lobipes* Olivier.

6. Details of *Empusa pauperata* Fab.

7. Details of *Mantis religiosa* Lin.



1 Myrmeleon erythrocephalus Leach. *3 Ascalaphus barbarus* Fab.
2 Panorpa rufa G.R. Gray. *4 Xemoptera Africana* Leach.



J. O. Westwood del.

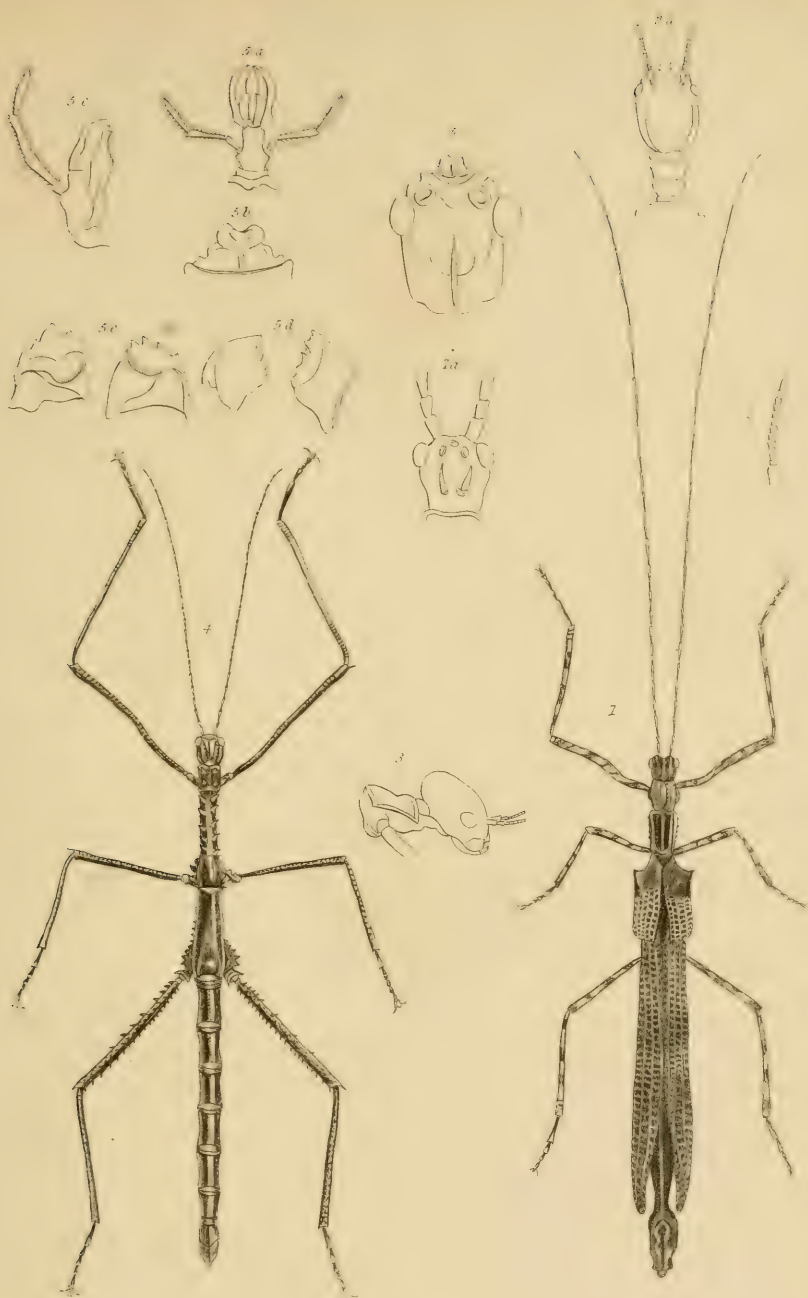
- 1. *Centrotus furcatus*. — G. R. Gray
 ○ 2. *Centrotus globularis*. — Pallas



J.O. Westwood del.

1. *Orthoraplia cassidivides*.—Westwood
 2. *Cercopis fulvoscutellata*.—G.R. Gray
 3. *Darnis camelus*.—G.R. Gray.
 4. *Acada fulvofasciata*.—G.R. Gray



1. *Phasma annulata* Ser.2. Ant. of *Bacillus*.3. Head of *typhocrana*4. *Bacteria scabrosa* Perch.5. Details of *Ulophorus roseipennis* Guer



1 *Synargris cornutus* . . . 3 *Perga scutellata*
 2 *Stephanus Brasiliensis* . . . 4 *Megalytra facipennis*

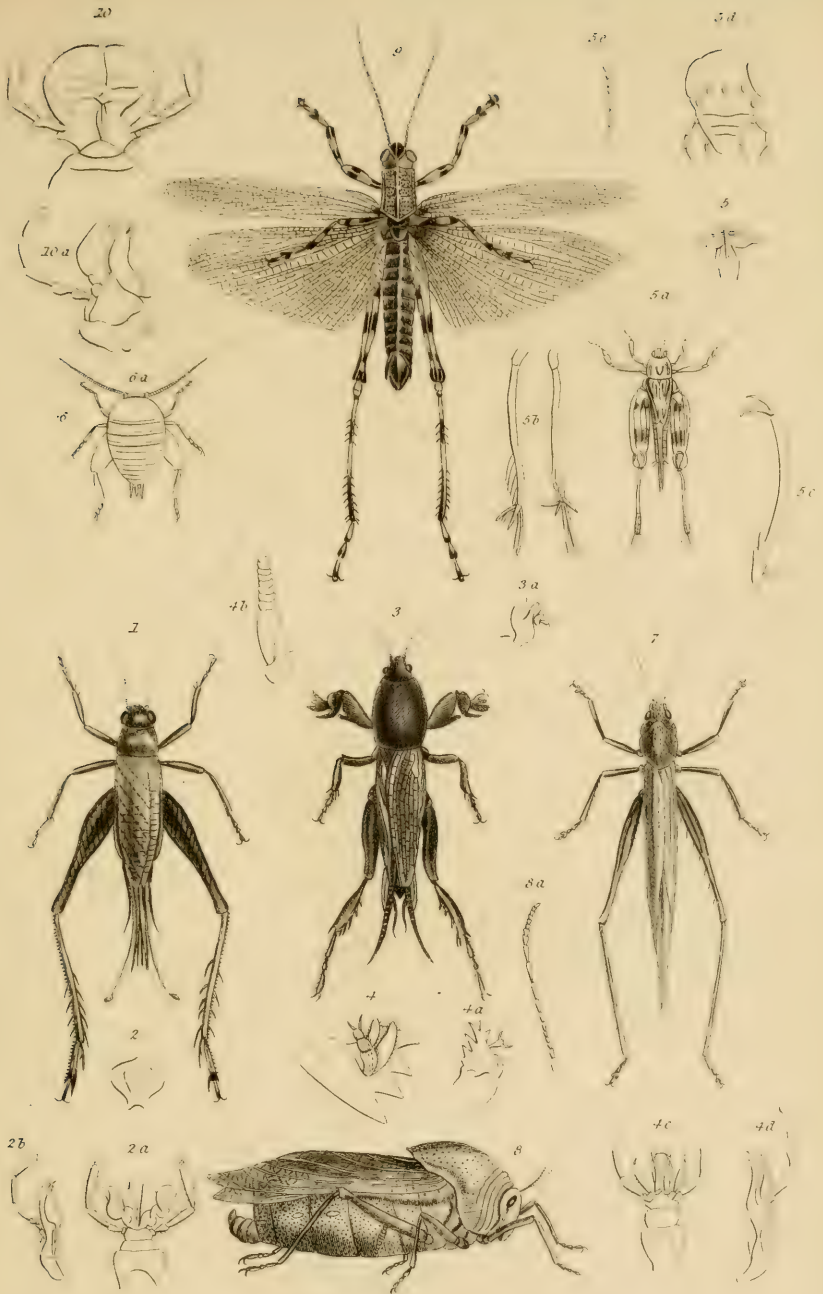


J.O. Westwood del^t

1. *Alphonaea rufescens*. — Westwood
2. *Crocisa nitidula*. — Jurine
3. *Polistes apicalis*. — G.R. Gray



Eronia californica — Gr. & H.

1 *Gryllus serrator* Linn.2 Details of *Gryllus campestris* Fab.3 *Gryllotalpa didactylus* Latr.4 Details of *Gryllus vulgaris*5 *Trilactylus nasutus* Pers.6 *Myrmecophila acronotum* Panzer7 *Locusta erythrosoma* Eneyd8 *Pteronotus inanis* Fab.9 *Acridum tarsatum* Serv.10 Details of *Acridum migratorium*



1. *Rutilla Australasia*. G.R.Gray

2. *Boris violaceus*. G.R.Gray

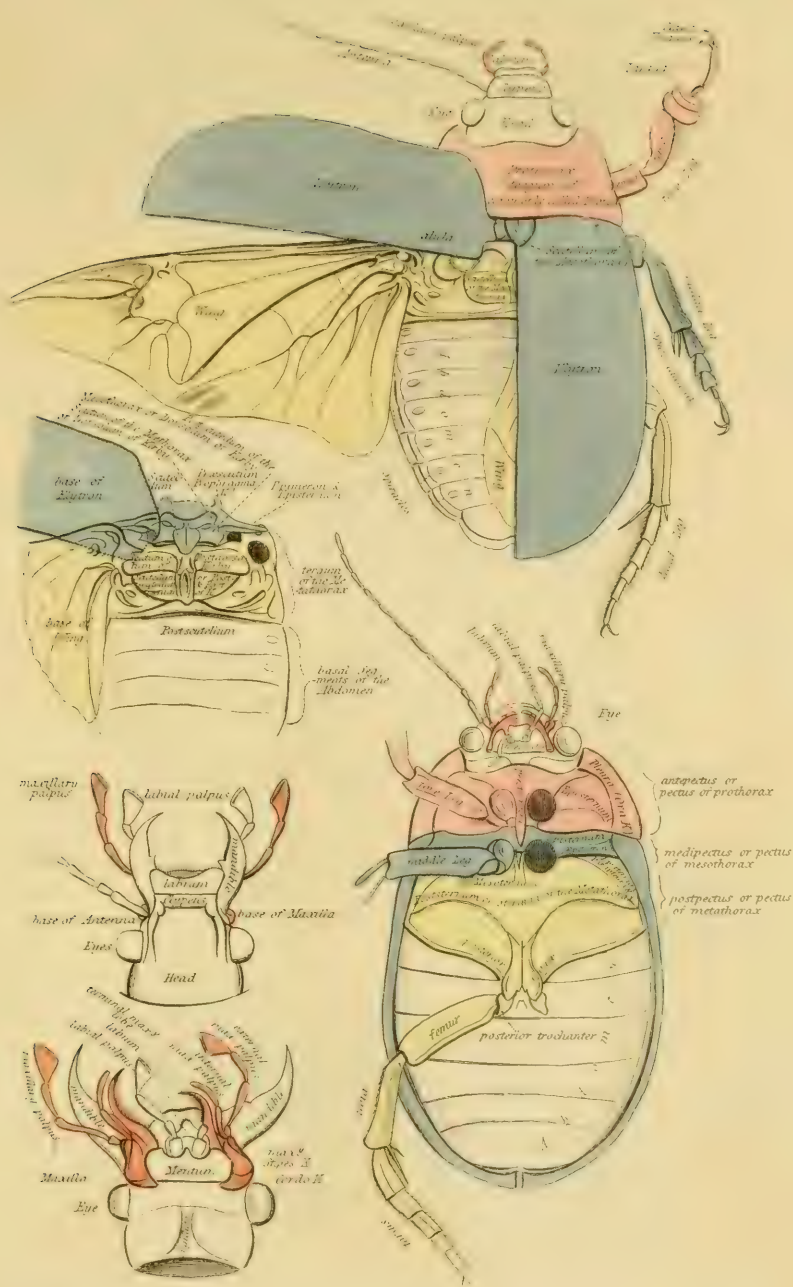
3. *Pangonia longirostris*. Hardw.

4. *Hematopota lunata*. G.R.Gray

5. *Tabanus Africanus*. G.R.Gray

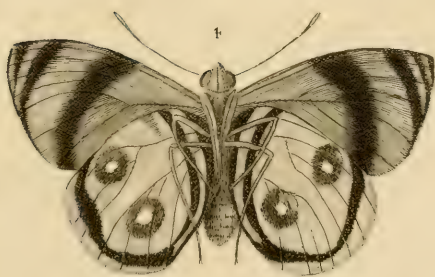


Transformations of the Butterfly

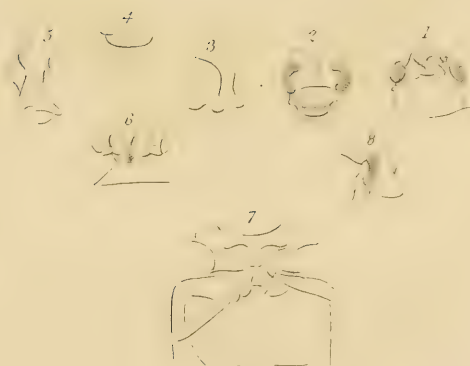


J. P. Westwood F.L.S. &c. del.

London, Published by Whittaker & Co Ave Maria Lane, 1832.



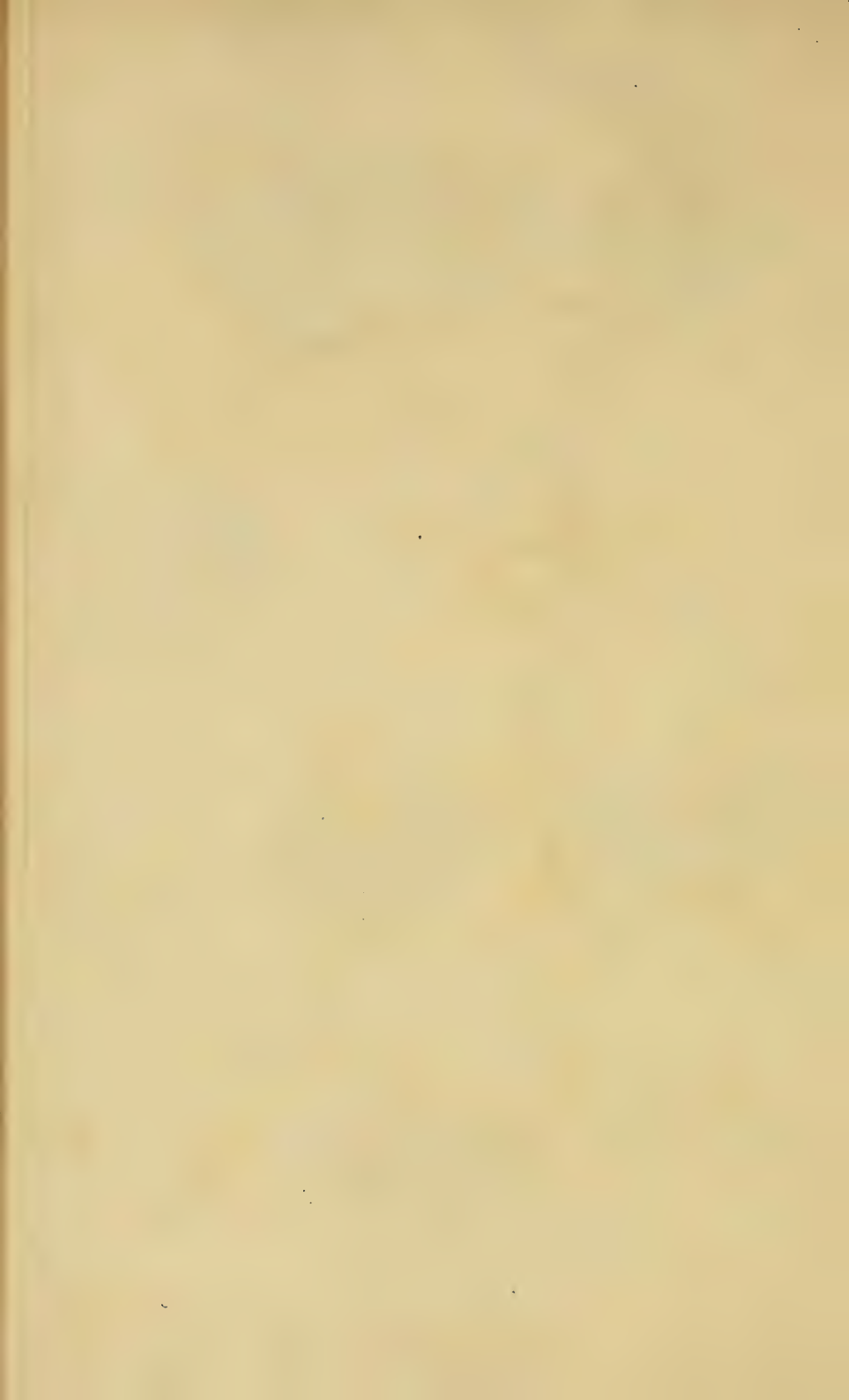
1. *Pieris Nemesis*. Lat. 2. *Heliconius cyrene*. Lat. 3 & 4. *Nymphalis Pitheas*. Lat.

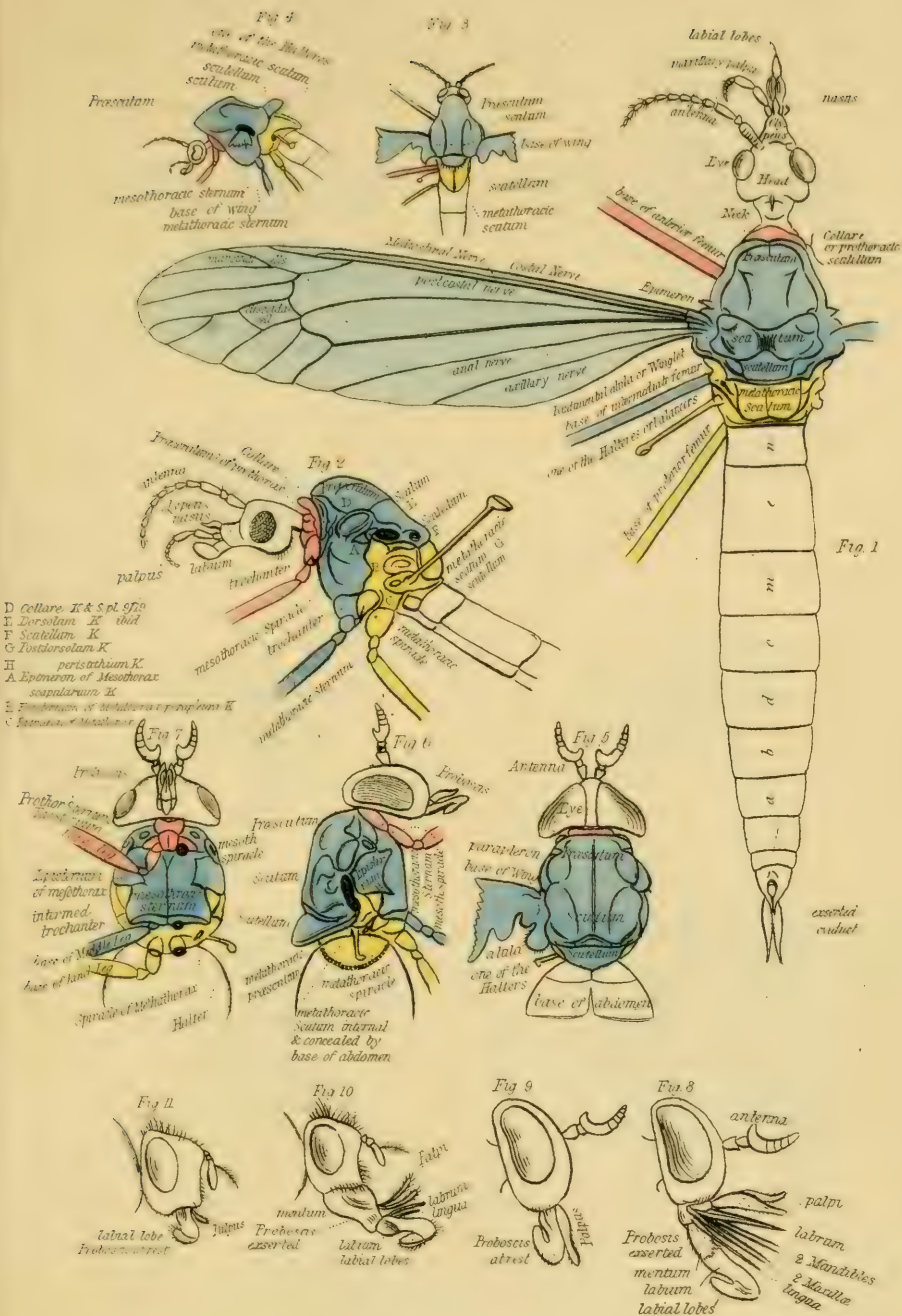


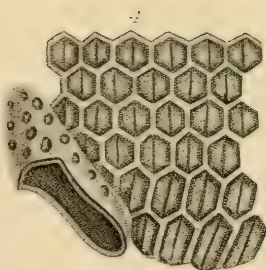
J. O. Westwood, del

Arctodermus Childroni, G. R. Gray

1. *Thyris sepulchralis*. Bdv.2. *Egocera rectilinea*. Bdv.3. *Zigæna pulchella*. Bdv.4. *Zigæna filipendulæ*. Lin.5. *Procris nebulosa* ♀ Hlug.6. *Syntomis myodes*. Bdv.7. *Syn. phægea*. Fab.8. *Atydia pumila*. Ch. Lat. & S.9. Cat & Chrys. of *Uglaope infaustra*.10. *Glaucopis Foltetii*. Fast.11. *Aglaope americanus*. Bdv.







2. *Xylocopa violacea* — Carpenter Bee.

4. *Apis mellifica* — Worker

2. *Bombus ruderata* — Lat.

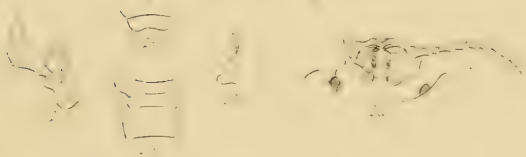
4a Female of same

3. *Apis centuncularis*. Leaf cutting Bee.

4b Male or drone

3a Fidos of Rose leaves of same

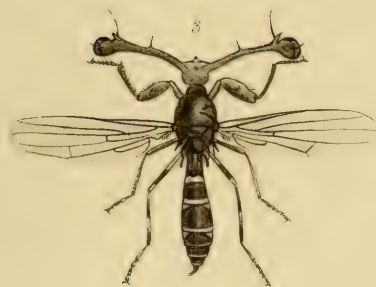
4c Part of the Honeycomb with the Queen's cell



1. *Anthicus chilensis* — G. R. Gray

2. *Cyphonotus dromolarius* — Guér

3. *Zophorus chilensis* — G. R. Gray



1. *Gelyphus obtectus*. — Dalm.

4. *Diatema holynensis* Westw.

2. *Microdon englossoides*. — G. R. Gray.

5. *Myopid nigripennis* — G. R. Gray.

3. *Diopsis fasciata*. — G. R. Gray.

6. *Anthrax marginivellus* — G. R. Gray.



1. *Alaccha asperella*, Hüb.

2. *Eaplocamas anthracinus* Hüb.

3. *Tinea tapezana*, Fab. 3. a. Head of *Tin. longicornis* Curtis.

4. *Mithia curvat*, Latr. 4. a. b. Heads of *M. pinguis* Curtis.

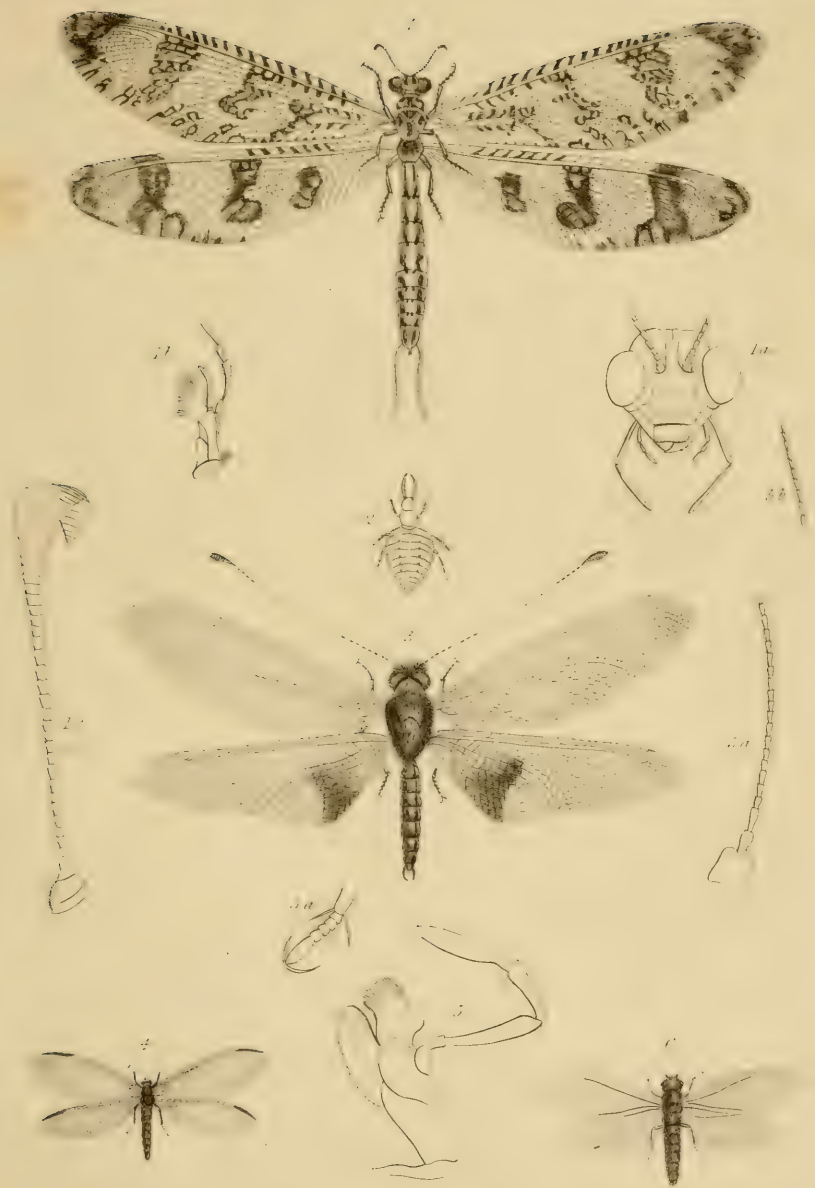
5. *Yponomeuta pasicella* Hüb. 5. a. b. Cat. & Chrys. of *Yp. plumbella* H.

6. *Ecophora lunella* Clark 6. a. b. Cat. & Chrys. of *Ec. majorella* Hüb.

7. *Adela Degeerella*, Fab.

8. *Pterophorus philodactylus* Hüb. 8. a. Head of *Pter. philodactylus* Curtis.

9. *Orneodes hexadactylus* Latr.



1 *Myrmecoter percheronii* — Gurr.

4 *Hemerobius capitatus* Fabr.

2 Larva of *Myrmecotermis* L.

5 Details of Hem. of Egypt.

3 *Ascalaphus brasiliensis* — Gurr.

6 *Sialis lutea* Latr.



1. *Tephrites Violacea* _G. R. Gray.

2. *Trixenozoma perilampyiformis* _G. R. Gray.

3. *Pterodontia flavipes* _G. R. Gray.

4. *Psilodera capensis* _G. R. Gray.

5. *Toxophora fulva* _G. R. Gray.

6. *Ploas Egeriiformis* _G. R. Gray.

1. *Phalena machaonaria*, Bdv.2. *Ph. gatharia*, Bdv.3. Details of *Ph. flavilluxa*, Hüb.4. Caterpillar of *Ph. grossulariata*, L.5. *Hermia sidonia*, Crum.6. Head & antennæ of *Herm. crafalis*, Fab.7. *Betys dilacidalis*, Bdv.8. Head of *Betys cingulalis*, Hüb.9. *Hydrocampe aquatilis*, Bdv.10. Caterpillar of *Hydr. nymphaea*, Lat.11. *Aglossa dilacidalis*, Bdv.12. *Galleria cereana*, Fab.13. Cat. of *Cal. colonella*, Hüb.14. *Crambus retusalis*, Bdv.15. Details of *Cr. radiellus*, Hüb.



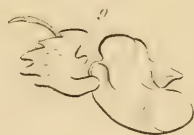
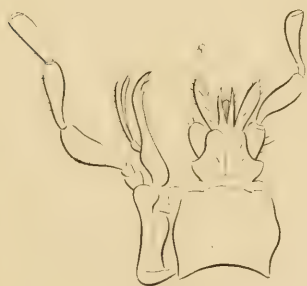
Gryllus gryllo-talpa [The Mole Cricket]

Gryllus domesticus [The House Cricket]

2 *Gryllus gryllo-talpa* [The Mole Cricket]

4 *Gryllus domesticus* [The House Cricket]

Gryllus gryllo-talpa [The Mole Cricket]



Cylindrodes Campbellii - G.R. Gray.



1 *Eucera antennata*.

4 *Andrena pilipes*.

2 *Eucera antennata*.

5 *Bombus restrata*.

3 *Nomada miniata*.

6 *Hylaeus albipes*.





1 *Oiketicus Kirbii* male

3 Habitaculum of the male before his metamorphosis

2 Female of same.

4 Larva of female

5 The same withdrawn from the habitaculum



1. *Aluroides* (*Aphis*) *Chelidonii*.

2. *Coccus* *Cacti* (*The Cactinéal*) male.

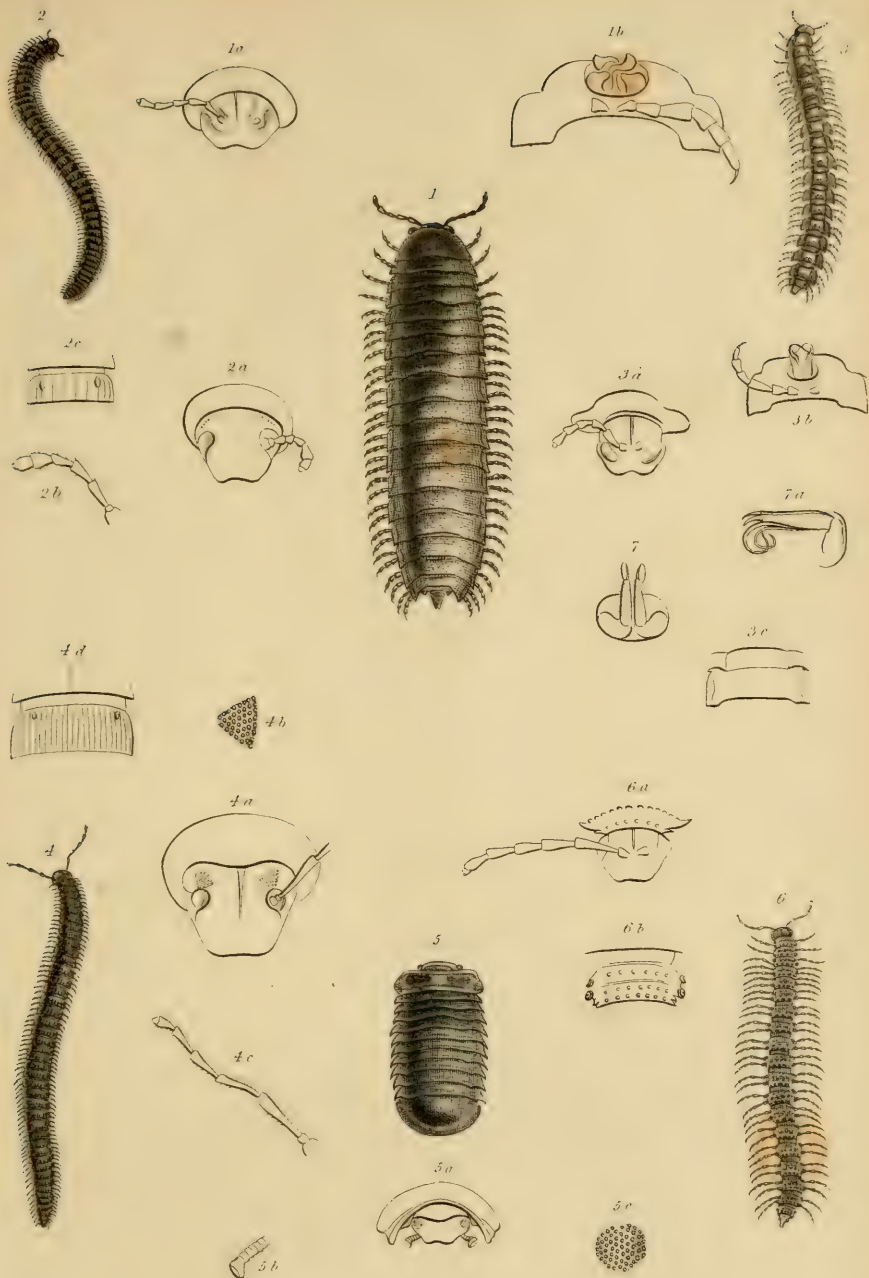
2a The female upper side; 2b Female under side

3. *Kermes Persica*. 3a with extended Wings

4. *Livia Lat* (*Aphis*) *Juncorum*

5. *Aphis Rosæ*. 5a Larva of same.





1 *Fontaria Virginienis*. T.E. Gray.

4 *Craspedosoma Richii*. T.E. Gray.

2 *Cambala lactarius*. T.E. Gray.

5 *Zephronia ovalis*. T.E. Gray.

3 *Polydesmus Leachii*. T.E. Gray.

6 *Polydesmus elegans*. T.E. Gray.

7 Male organs of *Polydesmus Drurii*.





1 *Noctua Anceas*

3 *N. Damonia* - female

2 *N. Damonia* - male

4 *N. Euristea*

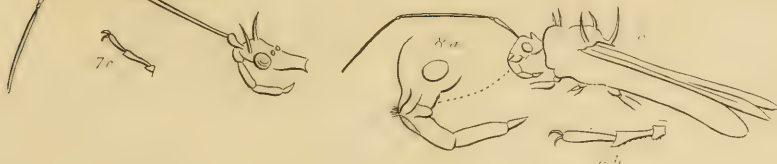
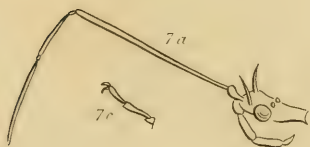
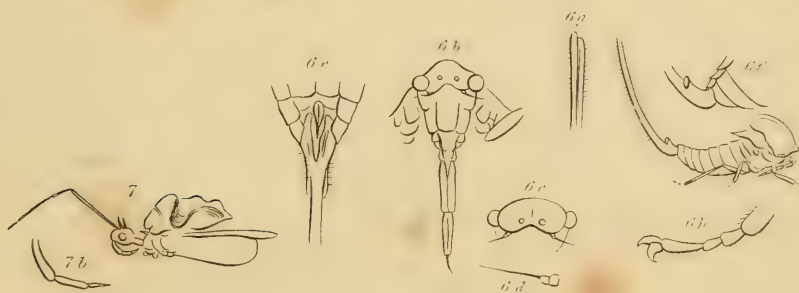
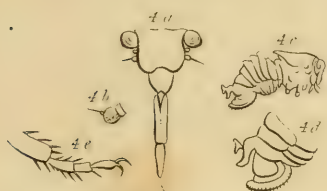
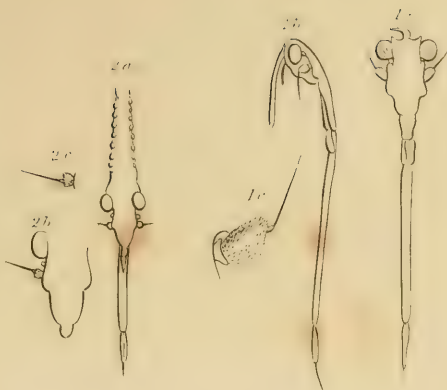
5 *N. oculata*





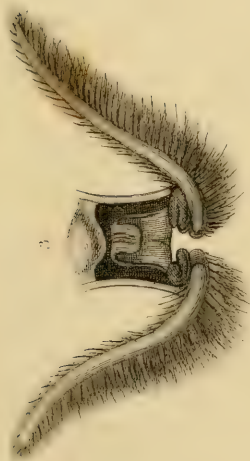
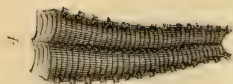
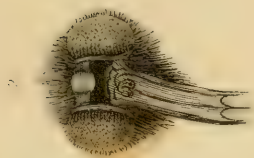
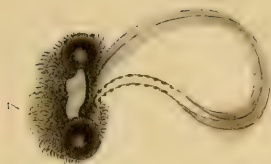
1 *Sphinx Achemenides.* 3 *Thaleria Tilia.*

2 *Thaleria creseas.* 4 *Sphinx Atropos.*



- | | |
|----------------------------------|---------------------------------|
| 1 <i>Fulgora nigromaculata</i> . | 5 <i>Darnis Camelus</i> . |
| 2 <i>Fulgora punctata</i> . | 6 <i>Trophora Hardwickii</i> . |
| 3 <i>Centrotus furcatus</i> . | 7 <i>Reduvius dorsalis</i> . |
| 4 <i>Pecileptera antica</i> . | 8 <i>Reduvius spinidorsis</i> . |





Tentative or Proboscis, pulled Kirby of L. palloides.



